Board of Trade Journal

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The British Chemical Industry in the First Half of 1962

The following information brings up to date an article entitled* The Rapid Growth of the British Chemical Industry in the Last Decade *which appeared in the* Board of Trade Journal *on March 2, 1962. Definitions such as 'what activities are comprised within the term chemical industry' apply equally to the text below.

THE SEASONALLY ADJUSTED index of production (average 1958 = 100) for the chemical industry in the first half of 1962 was 129 in the second quarter and 127 in the first, compared with an average of 125 for 1961 and 123 for 1960. Production therefore expanded by some 3 per cent. in the course of the first half of 1962. The renewal of growth, after the comparative stagnation of 1961 has been largely due to two sectors only, themselves closely inter-linked: organic chemicals, and synthetic resins and plastics materials. Lesser contributions to increased output have been made by inorganic chemicals, industrial gases, pharmaceutical preparations and synthetic detergents, but in other sectors, production has been slightly less than in the first half of 1961. Table 1 gives annually for 1958-1961 and for the first halves of 1961 and 1962 the index numbers for total productive industry and for the chemical industry and its individual sectors, which are treated in more detail below.

Exports and imports

The chemical industry's exports (which account for over one-fifth of production) increased strongly in volume in the second quarter of 1962 to give a growth of some 4 per cent. in the course of the first half-year and to reach a level of 5 per cent. above the average for 1961 and 15 per cent. above the average for 1960. The chief contributors to this expansion in exports were organic chemicals, synthetic resins and plastics materials, and pharmaceutical preparations.

Imports in the first two quarters of 1962 were at a fairly even rate (in volume terms), showing a sharp recovery from the reduced level of the second half of 1961 but much the same as in the first half of 1961.

Individual sectors – Inorganic chemicals

The growth in this sector in the first half of 1962 over the corresponding period of 1961 (which was itself no better than 1960) has been very modest, at some 2 per cent.; the average annual rate of growth over the period 1954-1961 was 4 per cent.

A controlled feed of liquid sulphur being fed to one of the carbon disulphide retorts at the Trafford Park works of Courtaulds, Ltd.

One of the factors retarding the growth in output was the export market; in the first half of this year exports of inorganic chemicals were 5 per cent. less (at current values) than a year earlier. Imports, however, were even more sharply down (by 12 per cent. at current values).

Table 1 — **Production in the Chemical Industry**

	Net Output 1958		Index of Production 1958 = 100					
	£ million (c)	Per cent.	1958	1959	1960	1961	1961 Jan.-June	1962 Jan.-June
Dyestuffs	22·9	3·9	100	125	141	138	144	136
Fertilizers	24·6	4·2	100	108	117	119	123	122
Other chemicals:								
Organic chemicals (a)	64·0	11·0	100	119	148	148	149	161
Inorganic chemicals	61·9	10·6	100	111	122	121	123	125
Other chemicals gases, etc.	110·9	19·1						
Explosives	29·5	5·1	100	107	116	116	119	123
Miscellaneous chemical industries (b)	30·2	5·2						
Plastics materials	45·2	7·8	100	123	147	148	148	164
Paint and varnish	53·9	9·3	100	110	112	111	116	113
Pharmaceutical preparations	62·5	10·8	100	113	125	137	143	146
Toilet preparations	19·7	3·4	100	109	120	123	116	114
Soap, detergents, etc.	37·0	6·4	100	103	106	107	113	111
Vegetable and animal oil and fats	18·7	3·2	100	108	106	106	109	111
Total, chemical industry	581·0	100·0	100	111	123	125	128	131
Total, chemical industry seasonally adjusted			100	111	123	125	125	128
Total, all U.K. productive industry			100	105	112	114	116	116
Total, all U.K. productive industry seasonally adjusted			100	105	112	114	114	115

(a) Including coal tar chemicals. (b) Adhesives; polishes; insecticides, disinfectants, etc.; printing ink. (c) Excluding amounts paid for services.

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Front Cover Photograph

Drilling a section of a boiler being produced for the new Dungeness Nuclear Power Station at the works of Head Wrightson Teesdale Ltd., Thornaby-on-Tees

Twenty thousand tons of fertilizer can be stored in this 90 ft. high building at Shell Chemical Company's Shell Haven plant in Essex. The giant piece of machinery, called a 'harvester', can transfer several hundred tons of fertilizer daily to an overhead conveyor belt which carries it to the bagging plant.

Pharmaceutical preparations

This sector, in recent years one of the more important sources of growth, showed an increase in output of only 2 per cent. in the first half of 1962 as compared with a year earlier. In the first half of this year, exports were 6 per cent. higher, at current values, than last year; as exports account for some one-third of production, export demand was clearly an important factor in the overall increase in production.

Synthetic resins and plastics materials

In the first half of 1962, production of synthetic resins was 10 per cent. higher than a year earlier; output was much higher, both absolutely and relatively, in the second quarter than in the first. In tonnage terms polyolefines (mainly polyethylene) accounted for the bulk of the increase, but in percentage terms most synthetic resins recorded good increases.

Exports were an important outlet, and accounted for over 30 per cent. of total production. They were 15 per cent. up on the first half of 1961, with polystyrene and polyvinyl chloride especially prominent. Imports were 22 per cent. higher, having recovered sharply after having sagged particularly in the latter part of 1961.

The usage of plastics materials in the United Kingdom in the first half of 1962 (United Kingdom produced and imported materials) is estimated to have been 14 per cent. higher than a year earlier. This very sharp increase follows more than a year of virtual stagnation for plastics materials.

Organic chemicals (including coal tar chemicals)

This sector has shown an increase in output as compared with a year earlier of 8 per cent. This renewed growth follows on a year of virtual stagnation. The expansion began early in 1962 and the rate of growth was maintained fairly evenly during the remainder of the period. The expansion is directly linked with that in synthetic resins and plastics materials, for within the organic chemicals sector itself growth has been largely restricted to those commodities wholly or mainly used in the plastics and synthetic rubber field. Exports of organical chemicals are well up on 1961, alcohols being prominent.

Other chemicals; industrial gases; explosives, etc.

Amongst the remaining chemicals output of industrial gases has shown a particularly strong increase in recent years, and this has been maintained in the first half of 1962.

Other sectors

In the rest of the chemical industry, only detergents have played any part, however small, in the expansion in output, with a 1 per cent. increase over 1961. Fertilizers; toilet preparations; and paint and varnish were down on their 1961 comparative performance by 1, 1½ and 2½ per cent. respectively, although in each case the second quarter showed some relative improvement on the first. Home demand for paint may have been affected by adverse weather in the spring, but exports in the first half-year were well down on a year earlier. Dyestuffs; soap; and polishes were each down on their 1961 results by a wider margin, around 5 per cent. Dyestuffs production was still however at a fairly high level this year; the comparison is with a very high level in 1961 and a considerable part of the fall this year can be attributed to a fall in exports. Soap production has been drifting downwards for some years now.

Prices

Prices in the chemical industry have continued to remain fairly stable, compared with the general movement in manufacturing industry, and indeed in some sectors of the chemical industry prices have eased further; in particular, the reduction in prices in plastics materials has been sharper in the first half of this year than in recent periods (Table 2).

Table 2

The Movement in Wholesale Prices 1958 to 1962

(1954 = 100)

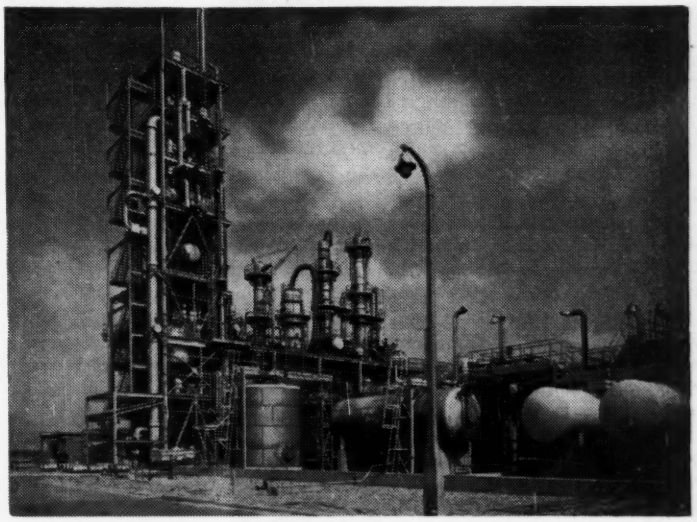
	1958	1959	1960	1961	1961 1st half-year	1962 1st half-year
All manufactured products	111	111	113	116	115	118
The chemical industry	105	106	105	104	103	103
General chemicals	108	107	105	104	104	102
Pharmaceutical preparations	100	99	99	101	97	98
Plastics materials	92	88	86	81	83	78

National Chemical Laboratory Research on Corrosion

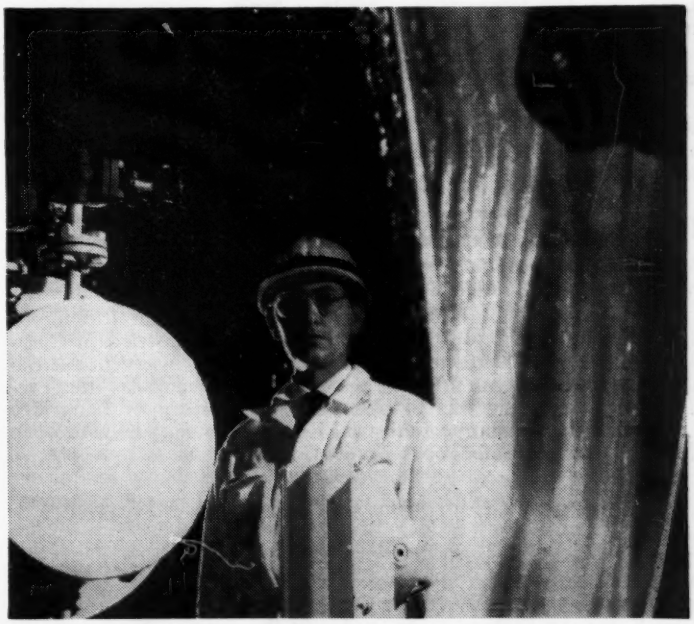
THE NATIONAL CHEMICAL LABORATORY at Teddington, Middlesex, is investigating the causes of the costly and world-wide problem of the corrosion of iron and steel structures, such as piers and jetties, in industrial river estuaries. During the open days last week the Laboratory director, Dr. J. S. Anderson, said that experiments were being carried out in the River Thames and were shortly to be extended to the Dovey estuary in Wales. Corrosion represented a drain on the country's resources estimated at £500,000,000 a year, 'a staggering figure.'

Capital Spending in Chemicals

A special survey in September 28 issue of 'Chemical Age' estimates that capital expenditure in the chemical and allied industries is at a higher rate than ever before. The same issue also surveys major overseas contracts handled by British based contractors in 1962.



This new plant at Hull, Yorks, which came into operation in 1962, makes acetic acid directly from petroleum by a process developed by the Distillers Co. Ltd., Chemical Division.



A ribbon of polyethylene emerging in the polyethylene plant at the new £3¼ million Fawley, Hampshire, factory of Monsanto Chemicals Limited.

NOTICE TO JOURNAL READERS AND ADVERTISERS

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Editorial Communications should be addressed to the Editor, *Board of Trade Journal*, Room 2410, Board of Trade, Horse Guards Avenue, London, S.W.1. (Telephone: Trafalgar 8855, Ext. 2192.) Address for telegrams and cables 'Boneblack, London.'

The views expressed in contributions to the Journal emanating from other than official sources are not necessarily those of H.M. Government.

Advertisements. Inquiries from the London Postal Area concerning the insertion of advertisements should be addressed to H.M. Stationery Office, Room D.63, Atlantic House, Holborn Viaduct, London, E.C.1. (City 9876—Ext. 147.) Inquiries from other parts of the United Kingdom should be addressed to Cowlishaw and Lawrence (Advertising) Ltd., Memorial Hall Bldgs., 16 Farringdon St., London, E.C.4. (Telephone: City 3718.)

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Orders and remittances for reprints should be addressed to the Director of Publications (P.2), H.M. Stationery Office, Atlantic House, Holborn Viaduct, London, E.C.1. Cheques should be made payable to H.M. Paymaster-General.

The President's Visit to Yugoslavia

THE PRESIDENT of the Board of Trade, Mr. Frederick J. Erroll, accompanied by Mrs. Erroll, visited Yugoslavia from September 21 to 30, 1962, at the invitation of the Secretary of State for Foreign Trade of the Federal People's Republic of Yugoslavia, Mr. Sergej Kraigher. The following joint communique was issued:

'Mr. Erroll was received by the President of the FPRY on September 21, 1962.

'Mr. Erroll was also received by the Secretary of State for Foreign Affairs, Mr. Koca Popovic, and the Chairman of the Committee for Economic Relations with Foreign Countries of the Federal Executive Council, Mr. Avdo Humo.

'During his stay Mr. Erroll visited Skopje, Sarajeve, Dubrovnik and Zagreb. He had talks with leading personalities in the Republic and visited several industrial plants. Mr. Erroll expressed himself as greatly impressed with the rapid development of Yugoslav industry.

'The President of the Board of Trade, Mr. Erroll, and the Secretary of State for Foreign Trade, Mr. Kraigher, had talks on economic relations and, in particular, on commodity exchange between the United Kingdom and the Federal People's Republic of Yugoslavia. The opportunity was taken to review questions of mutual interest and to examine the prospects for the future expansion and development of trade. In the course of the talks it was noted that economic relations between the two countries have been developing positively, and that prospects exist for their favourable further development.

'The two Ministers in addition exchanged views on international economic developments and their possible effect on future trade.

'It was agreed that such exchanges of view at Ministerial level were a valuable means of resolving problems of mutual interest and for promoting the improvement of trade relations between the two countries.'

Parliamentary Secretary Visits South-West England

MR. DAVID PRICE, Parliamentary Secretary, Board of Trade, planned to visit South-West England from Tuesday to today.

In the course of his tour Mr. Price hoped to visit Ilfracombe and other parts of N.W. Devon, the development districts in Cornwall, and to meet representatives of local councils, inspect industrial sites and visit several firms in the area. On Wednesday the Parliamentary Secretary was to open the new factory of Langridge Limited on the Camborne Industrial Estate, and today he is to open the new plant of Fine Tubes Limited, Plymouth.

Parliamentary Secretary's Message to Advertisers' Conference

MR. DAVID PRICE, Parliamentary Secretary, Board of Trade, in a message to the Advertising Clubs' fourth Conference at Harrogate, Yorks, on September 29, said: 'In the months that lie ahead, advertising practice is bound to come under close scrutiny in Parliament and elsewhere, and the judgment of the public on the value of what is done in advertising will, to a large extent, be influenced by decisions made by each of you as individuals. I am sure therefore that those present at this conference will bear in mind, now and afterwards, how their decisions affect not merely those directly concerned, clients, agents and the media, but, much more importantly, the public as consumers. It is because I recognize the high sense of responsibility to the public that permeates the thinking of so many people in advertising that I am glad to send you my good wishes for a successful conference.'

BoT Minister at 'British Fortnight' in Geneva

MR. ALAN GREEN, Minister of State, Board of Trade, opened the 'Britain Past and Present' Exhibition and attended the gala performance of the Fashion Show, on the occasion of the British Fortnight in Geneva on Monday.

BoT Minister's Visit to North East, and West Riding

MR. ALAN GREEN, Minister of State, Board of Trade, planned to visit North-east England on Wednesday to open the rebuilt manufacturing plant of Caterpillar Tractor Co. Ltd., at Birtley, and to visit Ernest and Henry Ltd., button manufacturers of West Auckland. Yesterday he was due to meet leaders of the wool textile industry in Bradford, visit the Wool Industries Research Association, Headingley, Leeds, and to open the new worsted mill of H. M. Hudson and Co. Ltd., at Pudsey.

Board of Trade Official Receiver Appointments

THE BOARD OF TRADE have announced the following appointments which came into effect on Monday:

Mr. George Frederick Morris as an acting Inspector General of Companies, Companies Liquidation and Bankruptcy.

Mr. Arthur Thomas Cheek as Senior Official Receiver for the purposes of the Companies Act, 1948, and attached to the High Court.

Mr. Christopher Albert Taylor as Official Receiver for the purposes of the Companies Act, 1948, and attached to the High Court.

Mr. Philip Anthony Lawrence as Official Receiver for the Bankruptcy District of the County Court of Canterbury and the Bankruptcy District of the County Courts of Rochester and Maidstone.

Mr. Robert Livingstone Lochhead as an Assistant Official Receiver in Bankruptcy attached to the High Court.

Mr. Ralph Arthur Donovan Copper as Official Receiver for the Bankruptcy District of the County Courts of Northampton, Bedford and Luton and the Bankruptcy District of the County Courts of Cambridge and Peterborough.

Mr. Thomas Arthur Tuck as Official Receiver for the Bankruptcy District of the County Courts of Norwich, Great Yarmouth and King's Lynn and the Bankruptcy District of the County Courts of Ipswich, Bury St. Edmunds and Colchester.

National Film Finance Corporation

THE BOARD OF TRADE announce the re-appointment of Mr. W. J. Arris, Sir Ernest Goodale, Mr. D. V. House and Mr. C. H. Scott as members of the Board of the National Film Finance Corporation. Other members of the Board appointed by the Board of Trade are Sir Nutcombe Hume (Chairman) and Mr. John Terry (Managing Director).

The National Film Finance Corporation was set up in 1949 to make loans to the British film industry for the financing of film production and distribution.

The members re-appointed are to serve for a period of three years ending September 30, 1965. The appointments of Sir Nutcombe Hume and Mr. John Terry do not expire until next year. Mr. Arris is a former Managing Director of Burroughs Adding Machines Ltd., and a former President of the Office Appliance and Business Equipment Trades Association, Sir Ernest Goodale is Chairman of Warner & Sons, Ltd., Mr. D. V. House is a former President of the Institute of Chartered Accountants in England and Wales, and Mr. C. H. Scott is a partner in Slaughter & May, Solicitors.

INSURE WITH
The LONDON & LANCASHIRE Insurance Co. Ltd.
CHIEF ADMINISTRATION
7 CHANCERY LANE, LONDON, W.C.2

Lower Imports of Cotton Manufactures from Formosa

THE BOARD OF TRADE have announced that for the calendar year 1963 the quota for imports for home retention of woven cotton manufactures, including fabrics, originating in or consigned from Formosa will be 2.45 million square yards.

Restrictions were first imposed on imports of cotton manufactures from Formosa on November 16, 1961, and the annual level of the current quota is 12·56 million square yards. Imports of low-cost textiles from other Asian sources are already subject to import licensing control or voluntarily restrained by the exporting country.

In Notice to Importers No. 1017 dated October 3, 1962, applications for licences under the quota for Formosa are invited from those traders who submitted returns of past imports (including material then afloat) under the provisions of Notice to Importers No. 989.

Applications should be made on Form TIP/A (or ILB/A) and be sent to reach the Tariff and Import Policy Division, Board of Trade, Horse Guards Avenue, London, S.W.1, not later than October 15. Page 1 of the application form should be completed and page 2 left blank; on page 3 and copies, the applicant's name and address, the description of goods (woven manufactures wholly or mainly of cotton) and the country of consignment and origin (Formosa) should be entered.

Imports for re-export under Customs Processing procedure will continue to be licensed without quantitative restriction.

Anti-Dumping Duty Application on Lithium Hydroxide and Lithium Carbonate

THE BOARD OF TRADE gave notice on September 14 (see *Board of Trade Journal* dated September 14, 1962, page 552) that they were considering an application for the imposition under the Customs Duties (Dumping and Subsidies) Act, 1957, of anti-dumping duties on lithium hydroxide and lithium carbonate imported from the United States of America and the Federal Republic of Germany. The Board of Trade now announce that the application has been extended to cover imports of lithium carbonate from Canada. The application may be further extended to include imports of lithium hydroxide and lithium carbonate from other countries at prices which appear to be dumped or subsidised.

Any representations which interested parties may wish to make in connection with this application should be submitted, in writing, not later than October 19, 1962. A statement of the applicants' case will be made available to all interested parties who wish to make representations in the matter if they are prepared to give an undertaking to treat the information contained therein as strictly confidential and to allow their comments to be passed to the applicants for reply. Requests for a statement of the case, together with an undertaking in the terms set out above, should be addressed in writing to the Tariff and Import Policy Division, Board of Trade, Room 3136, Horse Guards Avenue, London, S.W.1.

Application for Anti-Dumping Duties on Styrene Monomer

THE BOARD OF TRADE announced on August 23, 1962 that they were satisfied that imports of styrene monomer from the United States of America were dumped and that this dumping had caused material injury to the British styrene monomer industry.

As the Board of Trade have now received from the United States exporter concerned satisfactory assurances about future exports of styrene monomer to Britain, they do not intend to take any further action.

The Board would be bound to consider taking appropriate anti-dumping action if imports into Britain of styrene monomer from other suppliers in the United States or elsewhere appeared to be dumped.

H.M. Customs and Excise London South Offices

H.M. CUSTOMS and Excise announce that the new address of the headquarters of the London South Collection area of H.M. Customs and Excise is now Keyworth House, Keyworth Street, Southwark, S.E.1. (Telephone: Waterloo 8077.)

Application for Temporary Exemption from Import Duty

THE BOARD OF TRADE are considering applications for the temporary exemption from import duty of the materials listed below on the grounds that these materials are not made in this country or the Commonwealth or the supply available from these sources is not substantial having regard to the existing United Kingdom demand.

Representations are invited from manufacturers in this country or agents of Commonwealth manufacturers, who consider they are, or will be within a reasonable period, in a position to supply a substantial proportion of the United Kingdom demand for these materials, or who are interested in their future production.

Temporary exemptions come into effect on the operative date of the Treasury Order in which the materials are specified and normally continue until the end of the current calendar year, when they are reviewed.

Letters, giving the respective reference shown below, should be addressed to Tariff and Import Policy Division, Board of Trade, Horse Guards Avenue, London, S.W.1, preferably through a Trade Association, and should be received by October 19, 1962.

Tariff heading	Proposed definition for tariff purposes	Applied for as	Exemption required until	Reference
29.16	*m*-Coumaric acid	*m*-Hydroxycinnamic acid	December 31, 1963	5160
29.16	3:4:5-Trimethoxybenzoic acid	As in previous column .	December 31, 1963	5732
29.30	4:4'-Di*iso*cyanato-3:3'-dimethoxydiphenyl	Dianisidine di*iso*cyanate.	December 31, 1963	5702

Application for Anti-Dumping Duties on Phthalic Anhydride

THE BOARD OF TRADE gave notice on August 10, 17 and 24, and September 14, that they were considering an application for the imposition under the Customs Duties (Dumping & Subsidies) Act, 1957 of anti-dumping duties on phthalic anhydride imported from Austria, Belgium, Denmark, South Africa, the Federal Republic of Germany, and Poland. The Board of Trade now give notice that the application has been extended to cover imports from Switzerland. The application may be further extended to include imports of this product from other countries at prices which appear to be dumped or subsidised.

Any representations which interested parties may wish to make in connection with this application should be submitted in writing not later than October 19, 1962. A statement of the applicants' case will be made available to all interested parties who wish to make representations in the matter if they are prepared to give an undertaking to treat the information contained therein as strictly confidential and to allow their comments to be passed on to the applicants for reply. Requests for a statement of the applicants' case, together with an undertaking in the terms set out above, should be addressed in writing to the Tariff and Import Policy Division, Board of Trade, Room 3134, Horse Guards Avenue, London. S.W.1.

Duty on Some Pancreas Glands

THE TREASURY have made the Import Duties (General) (No. 11) Order 1962, which removes the import duty on some pancreas glands. The Order came into operation on October 2, 1962, and has been published as Statutory Instruments 1962, No. 2123.

Drawback on Some Almonds and Hazelnuts

THE TREASURY have made the Import Duty Drawbacks (No. 9) Order 1962. The Order provides for an increase in the rates of drawback of import duty on imported almonds and hazelnuts used in the production of certain exported blanched almonds and certain goods made with almonds or hazelnuts.

The Order came into operation on October 1, and has been published as Statutory Instruments 1962, No. 2124.

Retail Sales Buoyant in August

ESTIMATES OF RETAIL sales during August indicate that, after allowing for seasonal factors, the trend of trade was significantly upwards. Taking July and August together the seasonally adjusted index of the value of total sales rose to 120 compared with 118½ for May and June combined and 118 for March and April combined. The monthly figures show a very large increase between July and August (from 118 to 122) but because there are liable to be irregularities in the month-to-month movements due, in part, to the margin of uncertainty inherent in the process of seasonal adjustment, it is more appropriate in considering the underlying trend of sales to combine two or more months' figures. While all the broad groups for which seasonally adjusted figures are given in the table shared in the rise in total sales, the greatest rise was shown by clothing and footwear shops. Sales of these shops, it is to be noted, are liable to fluctuate because of the weather, etc., and variations of this nature, changing as they do from year to year, make adjustment for normal seasonal factors more hazardous.

The volume of sales also rose significantly, the seasonally adjusted index for July and August combined being 111½ as against 110 for May and June combined.

As compared with a year ago, total sales in August were 4 per cent. up on August 1961, much the same rate of increase as has been shown earlier this year. Sales in August 1961 were, however, also at a high level – the seasonally adjusted index of the value of sales reached a record level from which it declined till the end of the year.

Retail Sales Seasonally Adjusted

Index numbers of value of sales per week.

(i) at current prices. 1957 = 100

	All kinds of business	Food shops	Non-food shops			
			Total	Clothing and footwear shops	Durable goods shops	Other non-food shops (*a*)
1961 1st Quarter	114	111	116	116	110	117
2nd Quarter	115	112	117	116	114	118
3rd Quarter	116	114	118	117	116	120
4th Quarter	116	115	117	117	108	122
1962 1st Quarter	118	117	119	117	110	122
2nd Quarter	118	117	119	116	115	121
1961 July	116	113	119	115	125	120
August	117	115	119	120	115	120
September	116	115	117	117	109	121
October	115	114	116	118	108	121
November	116	115	117	117	108	122
December	117	116	118	117	108	122
1962 January	117	115	119	118	110	122
February	119	117	119	118	111	123
March	118	117	118	114	110	121
April	118	118	118	116	109	120
May	119	117	120	116	116	123
June	118	116	120	116	117	121
July	118	118	119	116	118	122
August	122	120	124	124	119	125

(ii) at average 1957 prices.

	All kinds of business	Food shops	Non-food shops
1961 1st Quarter	110	106	114
2nd Quarter	111	107	114
3rd Quarter	111	108	114
4th Quarter	111	110	112
1962 1st Quarter	111	109	113
2nd Quarter	110	108	112
1961 July	112	107	116
August	111	108	113
September	110	108	112
October	110	109	111
November	111	110	112
December	111	110	112
1962 January	111	108	113
February	112	110	113
March	111	109	113
April	110	108	111
May	111	108	113
June	110	107	112
July	110	108	111
August	113	111	115

a) Including general department stores.

Clothing and footwear shops

As has been mentioned above, sales of these shops showed a very large increase, after adjustment for normal seasonal factors, between July and August. For the two months combined the seasonally adjusted index of the value of sales was 120, a considerable improvement on the level of sales in the spring of this year. As compared with August 1961 – when clothing and footwear shops also showed, after seasonal adjustment, a high level of sales – there were increases in the sales of all kinds of business in this group. For the group as a whole there was a 4 per cent. increase in the value of sales as compared with August 1961; prices of clothing and footwear were about 3½ per cent. higher than a year ago.

Analysis by Form of Organization

August – Index Numbers of Values of Sales per week and Percentage Changes Compared with a Year Earlier (*a*)

1957 = 100

	Total all retailers	Independent retailers	Multiple retailers	Co-operative societies
ALL KINDS OF BUSINESS	114 + 4 %	109 + 3 %	135 + 8 %	97 Nil %
FOOD SHOPS	115 + 5	110 + 3	147 +12	96 Nil
Grocers	116 + 5 (g)	108 + 2	156 +13	95 Nil (g)
Butchers	105 + 2	..	..	..
Greengrocers, fruiterers	113 + 3	113 + 3	127 + 6	95 — 5
Fishmongers, poulterers	119 + 3	..	..	..
Bread and flour confectioners	134 + 7 (h)	121 + 4	176 +13	..
Off-licences	109 +11	97 + 8	130 +14	..
Dairymen	119 + 5	..	..	103 + 1
Other food shops	114 + 8	..	..	..
NON-FOOD SHOPS	113 + 4	..	..	..
Clothing and footwear shops	108 + 4	98 + 3	125 + 5	90 + 1
Footwear shops	116 + 3	112 + 3	123 + 4	90 + 2
Men's wear shops	111 + 6	107 + 3	121 + 9	87 + 2
Women's wear shops	104 + 3	93 + 2	127 + 4	91 + 1
of which:				
Women's, girls' and infants' wear specialist shops	..	87 + 5	..	—
Drapers' and general outfitting shops	—	95 + 1	..	—
Large (c)	—	95 + 4	—	—
Medium (c)	—	92 + 1	—	—
Small (c)	—	98 Nil	—	—
Durable goods shops	108 + 4	99 + 3	127 + 8	117 + 4 (f)
Furniture shops	112 + 5	110 + 4	119 + 7	—
Large (c)	—	110 + 4	—	—
Medium and small (c)	—	110 + 4	—	—
Other durable goods shops	102 + 4	87 + 1 (e)	131 + 9*	—
Radio and electrical goods shops	90 + 2	87 + 1	104 + 6	—
Radio and cycle shops, cycle shops, perambulator shops				
Electricity showrooms	168 +17	—	168 +17	—
Gas showrooms	N.A.	—	N.A.	—
Miscellaneous non-food shops (*b*)	120 + 4	..	..	..
Confectioners, tobacconists, newsagents	116 + 6	116 + 5	118 +10	—
Booksellers, stationers	..	114 + 5	..	—
Chemists, photographic goods dealers (d)	128 + 4	125 + 2	135 + 7	117 + 3
Jewellers	127 + 1	126 + 1	133 + 1	—
Leather goods, sports goods, toys and fancy goods shops	127 + 2	..	..	—
Ironmongers and hardware shops	120 + 3	118 + 3	135 + 7	— (f)
General Department Stores	105 + 5	—	—	—

* Provisional.

Durable goods shops

Sales of durable goods shops, seasonally adjusted, continued the slow upward movement which began in May of this year. In August their total sales were 4 per cent. higher than in August 1961 with sales by furniture shops and other durable goods shops showing increases of much the same amount. This experience of improved trade was shared by all sub-divisions of these groups. Prices of durable goods were about 2 per cent. higher in August than a year earlier.

Food shops

The seasonally adjusted index of the value of sales by food shops was 118½ for July and August combined compared with 116½ for May

(*Text Continued on page* 696)

Retail Trade (*Continued*)

Index Numbers of Values of Sales per week, and Percentage Changes Compared with Year Earlier (*a*)

(i) Analysis by broad groups: value and volume.

1957 = 100

(Sales in 1957 £ million)	All kinds of business (£7,637 m.)				Food shops (£3,619 m.)				Non-food shops											
									Total (£4,018 m.)				Clothing and footwear shops (£1,188 m.)		Durable goods shops (f) (£739 m.)		General department stores (£381 m.)		Miscellaneous non-food shops (b) (£1,710 m.)	
	Value		Volume*		Value		Volume*		Value		Volume*									
		%		%		%		%		%		%		%		%		%		%
1958 Year	103	+3	101	+1	103	+3	100	Nil	103	+3	102	+2	100	Nil	105	+ 5	103	+ 3	104	+4
1959 Year	107	+4	105	+4	106	+3	101	+1	108	+5	109	+6	104	+ 4	118	+12	109	+ 5	107	+3
1960 Year	111	+4	108	+3	109	+3	105	+3	113	+4	112	+3	113	+ 8	112	— 5	116	+ 7	113	+5
1961 Year	115	+4	111	+2	113	+4	107	+3	117	+4	113	+1	117	+ 3	112	Nil	122	+ 5	119	+5
1962 Year to date ¶	113	+3	106	Nil	115	+5	107	+2	111	+2	105	—1	108	+ 1	108	Nil	113	+ 2	114	+4
1961 3rd Quarter	112	+5	107	+2	111	+4	105	+3	114	+5	109	+2	110	+ 2	111	+ 7	116	+ 5	116	+5
4th Quarter	132	+4	125	+2	122	+5	115	+4	140	+4	134	+1	143	+ 2	125	+ 2	156	+ 4	141	+6
1962 1st Quarter	109	+3	102	Nil	114	+5	106	+2	104	+1	99	—2	95	— 3	106	+ 1	105	— 1	109	+3
2nd Quarter	116	+4	108	+1	116	+5	107	+2	115	+3	108	—1	118	+ 3	107	Nil	115	+ 4	116	+4
1962 April	115	+5	108	+2	118	+6	109	+3	113	+4	107	+1	114	+ 8	105	— 3	115	+ 5	115	+4
May	117	+2	109	—1	117	+4	108	+1	117	+1	110	—2	118	— 3	110	+ 2	119	+ 4	118	+4
June	115	+4	107	+1	115	+5	106	+2	115	+3	108	Nil	121	+ 4	105	+1	111	+ 4	115	+4
July	119	+2	111	—1	117	+4	108	+1	121	Nil	114	—4	118	+1	116	— 6	138	+ 1	122	+3
August	114	+4	106	+2	115	+5	107	+3	113	+4	105	+2	108	+ 4	108	+ 4	105	+ 5	120	+4

(ii) Analysis by kind of business: value only.

(Sales in 1957 £ million)	Food shops														Clothing and footwear shops					
	Grocers (g) (£2,093 m.)		Butchers (£519 m.)		Greengrocers, fruiterers (£272 m.)		Fishmongers, poulterers (£73 m.)		Bread and flour confectioners (h) (£173 m.)		Off-licences (£112 m.)		Dairymen (£324 m.)		Other food shops (£53 m.)		Footwear shops (£187 m.)		Men's wear shops (£255 m.)		Women's wear shops (£746 m.)	
		%		%		%		%		%		%		%		%		%		%		%
1958 Year	103	+ 3	102	+ 2	104	+ 4	105	+ 5	105	+ 5	104	+ 3	102	+ 2	104	+ 4	102	+ 2	98	— 2	101	+ 1
1959 Year	107	+ 4	102	Nil	104	Nil	107	+ 2	109	+ 4	107	+ 3	105	+ 3	109	+ 4	107	+ 6	103	+ 5	104	+ 3
1960 Year	109	+ 3	107	+ 5	103	— 1	112	+ 4	115	+ 6	112	+ 5	109	+ 4	111	+ 2	118	+10	112	+ 9	112	+ 8
1961 Year	113	+ 3	108	+ 1	111	+ 7	115	+ 2	122	+ 6	121	+ 8	116	+ 7	110	Nil	122	+ 3	116	+ 3	116	+ 3
1962 Year to date ¶	116	+ 5	106	+ 2	119	+ 5	117	+ 2	127	+ 7	106	+ 8	121	+ 4	113	+ 5	113	Nil	111	+ 1	106	+ 1
1961 3rd Quarter	112	+ 4	103	— 1	111	+14	114	+ 3	126	+ 7	102	+10	116	+ 8	107	— 2	121	+ 2	109	+ 2	108	+ 2
4th Quarter	122	+ 5	116	Nil	107	+12	117	— 1	130	+ 7	188	+ 7	119	+ 5	119	+ 2	143	+ 3	136	+ 3	146	+ 2
1962 1st Quarter	115	+ 5	110	+ 1	107	+ 3	114	— 1	119	+ 6	103	+ 9	119	+ 5	112	+ 4	92	— 6	101	— 1	93	— 3
2nd Quarter	116	+ 5	105	+ 1	128	+ 6	119	+ 5	129	+ 8	106	+ 7	122	+ 4	113	+ 4	129	+ 3	118	+ 2	115	+ 2
1962 April	118	+ 7	108	+ 1	126	+10	121	+10	132	+11	108	+11	122	+ 3	114	+ 5	122	+10	115	+ 8	111	+ 7
May	116	+ 4	107	+ 1	129	+ 5	118	+ 2	128	+ 7	106	+ 5	123	+ 4	120	+ 5	126	— 8	118	— 2	116	— 2
June	115	+ 5	101	+ 2	130	+ 4	118	+ 3	128	+ 6	104	+ 6	122	+ 4	107	+ 3	136	+ 9	120	+ 2	118	+ 3
July	117	+ 3	102	+ 2	131	+ 6	123	+ 5	135	+ 7	111	+ 5	124	+ 5	111	+ 6	127	— 1	119	Nil	116	+ 2
August	116	+ 5	105	+ 2	113	+ 3	119	+ 3	134	+ 7	109	+11	119	+ 5	114	+ 8	116	+ 3	111	+ 6	104	+ 3

(Sales in 1957 £ million)	Durable goods shops (f)								Miscellaneous non-food shops									
			Other durable goods shops															
	Furniture shops (£324 m.)		Total (£352 m.)		Radio and electrical goods shops, Radio and cycle shops, perambulator shops (£290 m.)		Electricity showrooms (£33 m.)		Gas showrooms (£30 m.)		Confectioners, tobacconists, newsagents (£699 m.)		Booksellers, stationers§ (£69 m.)		Chemists, photographic goods dealers (d) (£205 m.)		Jewellers (£71 m.)		Leather goods, sports goods, toys and fancy goods shops (£63 m.)		Ironmongers and hardware shops (£184 m.)	
		%		%		%		%		%		%		%		%		%		%		%
1958 Year	105	+ 5	104	+ 4	100	Nil	123	+23	122	+22	102	+ 2	106	+ 6	103	+ 3	102	+ 2	102	+ 2	104	+ 4
1959 Year	116	+10	118	+14	108	+ 8	177	+44	157	+29	102	Nil	109	+ 3	109	+ 6	109	+ 8	106	+ 4	106	+ 2
1960 Year	112	— 3	109	— 8	99	— 8	158	—11	148	— 6	106	+ 4	117	+ 8	115	+ 5	118	+ 8	114	+ 7	108	+ 2
1961 Year	115	+ 2	107	— 1	97	— 2	159	+ 1	150	+ 2	111	+ 5	123	+ 5	124	+ 7	124	+ 5	119	+ 5	111	+ 4
1962 Year to date ¶	112	+ 1	103	Nil	90	— 2	159	+ 1	N.A.		111	+ 4	121	+ 5	119	+ 4	105	Nil	101	Nil	111	+ 2
1961 3rd Quarter	115	+ 7	104	+ 8	92	+ 5	167	+16	152	+17	110	+ 4	118	+ 3	125	+ 7	125	+ 4	123	+ 5	110	+ 5
4th Quarter	127	+ 5	121	— 1	113	— 3	167	+ 2	154	+ 7	124	+ 6	145	+ 4	149	+ 7	175	+ 4	167	+ 3	121	+ 5
1962 1st Quarter	108	+ 1	105	+ 1	94	Nil	142	— 2	164	+11	110	+ 4	122	+ 4	110	+ 5	97	+ 1	83	— 1	108	+ 3
2nd Quarter	111	+ 2	101	— 1	88	— 3	165	+ 4	156	+ 6	110	+ 4	119	+ 5	121	+ 4	100	— 1	104	+ 2	111	+ 1
1962 April	111	+ 2	98	— 6	89	— 8	138	— 6	142	+ 5	113	+ 5	121	+ 4	114	+ 3	97	Nil	103	+ 2	115	Nil
May	117	+ 3	102	+ 1	89	— 1	162	+ 3	165	+18	110	+ 3	124	+10	116	+ 1	99	— 1	100	— 1	116	+ 2
June	107	Nil	101	+ 2	86	+ 1	188	+12	160	— 2	107	+ 4	113	+ 1	130	+ 7	102	— 2	108	+ 3	105	+ 2
July	129	— 2	102	— 9	86	—11	187	— 7	164	+ 2	114	+ 4	130	+ 6	133	+ 1	130	— 1	121	— 1	113	Nil
August	112	+ 5	102	+ 4	90	+ 2	168	+17	N.A.		116	+ 6	114	+ 5	128	+ 4	127	+ 1	127	+ 2	120	+ 3

§ Independent retailers only. * At average 1957 prices.
¶ January to August.

Retail Trade (*Continued*)

and June and 117½ for March and April. Each of the kinds of business showed increases compared with a year earlier and, for the group as a whole, the increase was 5 per cent. Prices of food showed smaller increases on a year earlier than in recent months.

Provisional estimates

As was announced in the *Board of Trade Journal* of September 28, 1962, publication of a provisional estimate of total retail sales has been discontinued.

Notes

Kind of Business Statistics

(i) These statistics are based on returns from independent retailers (organizations, other than co-operative societies and general department stores, with one to nine branches), multiple retailers (organizations, other than co-operative societies and general department stores, with 10 or more branches), retail co-operative societies and general department stores.

(ii) For independent retailers, multiple retailers and general department stores the figures are based on the total sales, of all types of goods, by each shop and therefore represent the trend of sales in specified kinds of business. Co-operative societies report their sales on a departmental basis and a department's sales are assigned to the most closely corresponding kind of business heading. A single figure is returned for the departments selling durable goods and ironmongery and hardware and this figure is included in the total for durable goods shops.

(iii) Multiple retailers and co-operative societies report sales for all branches open in the sales period, so that, in respect of these two forms of organizations, the statistics take account of changes in the number of shops, e.g. the opening of new shops or the closing or disposal of existing shops. In the case of independent retailers and general department stores, however, sales are generally reported for individual establishments and no reliable measure of changes in the number of shops is available on the basis of which an adjustment might be made.

(iv) A description of the series, based on 1957=100, was given in the *Board of Trade Journal* of February 10, 1961.

Footnotes to Tables

(a) The periods covered by the index numbers consist of either four or five weeks, each quarter being divided into three 'monthly' periods of four, four and five weeks respectively. The period covered by August 1962 sales was the four weeks from July 29 to August 25 the corresponding period in 1961 was from July 30 to August 26. As the figures are based on the value of sales, they are affected by price movements including changes in purchase tax.

(b) Includes figures for variety and other general stores which are not published separately.

(c) These descriptions are based on 1957 turnover groupings. Large denotes shops with sales of £100,000 and over in 1957. Medium denotes shops with sales of £15,000 and under £100,000 in 1957. Small denotes shops with sales of under £15,000 in 1957.

(d) These index numbers do not allow for chemists' receipts under the National Health Service, which are as far as possible excluded by contributors in their returns.

(e) Includes radio and electrical goods shops and radio and cycle shops, cycle shops, perambulator shops.

(f) See Note (ii) above.

(g) Including the bakery departments of co-operative societies.

(h) Excluding the bakery departments of co-operative societies, which are included in the estimate for grocers.

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Production of Man-made Fibres in August

PRODUCTION of man-made fibres in August, although seasonally low, was 1 per cent. more than in August 1961. The holiday months are always difficult to interpret but, if July and August are taken together, total output by weight was 4 per cent. more than a year earlier. Within the total, output of staple fibre, hitherto particularly buoyant, was 4 per cent. less than in July and August last year. The rapid growth in output of continuous filament yarn continued and production was 14 per cent. more than in the comparable months of 1961.

Production

(Million lb. 'delivered weight' basis)

	Continuous Filament Yarn (Singles)	Staple Fibre	Total
1958 (quarterly average)	47·9	57·7	105·5
1959 (quarterly average)	58·9	69·8	128·7
1960 (quarterly average)	67·2	80·8	148·0
1961 (quarterly average)	66·0	76·4	142·4
1961 1st Quarter	67·5	71·6	139·1
2nd Quarter	65·8	72·0	137·8
3rd Quarter	60·7	77·4	138·1
4th Quarter	67·9	84·7	152·6
1962 1st Quarter	67·8	78·9	146·7
2nd Quarter	73·4	83·6	157·1
1961 July	21·3	29·4	50·8
August	19·4	22·5	42·0
1962 July	24·3	29·3	53·6
August	22·0	20·5	42·5

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Hire Purchase Business Maintained in August

HIRE PURCHASE and other instalment credit business appears to have been maintained in August, after allowing for seasonal factors, at the higher level which followed the relaxation in statutory terms at the beginning of June. The total debt outstanding fell slightly during the month to £890 million but this was a seasonal movement since new credit advanced was seasonally low while repayments on existing business continued at much the same rate as in the previous month.

Finance Houses

New credit extended by hire purchase finance companies was lower in August than in July but probably not to a greater extent than was to be expected from seasonal influences. Compared with August last year there was a decrease of around 5 per cent. against one of nearly 20 per cent. in July but the July 1961 figure reflected some stimulus to business in anticipation of the Chancellor's measures towards the end of the month. Instalments owed directly by hirers, etc., were £593 million at the end of the month, and amounts owed by retailers under block discounting arrangements were £57 million.

Household Goods Shops

Sales on hire purchase and other instalment credit terms by household goods shops decreased no more than seasonally in August and the trend of sales seems to have been maintained at the higher level which followed the reduction in the statutory minimum deposits to 10 per cent. for those household goods previously subject to 20 per cent. from June 5. Compared with a year earlier sales were up by nearly one tenth, an increase of around one eighth for the hardware, radio, electrical etc., group being offset by a rise of only about 5 per cent. for the furniture and furnishings group.

Debt

Table 1—Estimates of Hire-Purchase and Other Credit Instalments Outstanding

END OF PERIOD — £ million

	Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Owed directly to household goods shops	1960	330	333	336	338	338	335	331	327	324	322	322	325
	1961	321	315	312	308	306	306	306	305	303	303	303	309
	1962	304	301	296	293	292	294	295	297				
Owed directly to finance houses	1960	534	547	573	599	614	621	630	633	628	623	620	610
	1961	607	607	622	631	643	651	662	660	650	639	628	618
	1962	606	598	592	590	593	593	597	593				
Total of above	1960	864	880	909	937	952	956	961	960	952	945	942	935
	1961	928	922	934	939	949	957	968	965	953	942	931	927
	1962	910	899	888	883	885	887	892	890				

Table 2—Hire-Purchase and Other Instalment Credit Extended and Repaid

£ million

Period	New Credit Extended			Repayments	Change in Debt
	For household goods	For other durable goods	Total		
1958	292	363	655	547	+108
1959	394	523	917	624	+293
1960	301	519	820	734	+ 86
1961	283	515	798	806	— 8
1959 1st Quarter	85	118	203	147	+ 56
2nd Quarter	94	152	246	155	+ 91
3rd Quarter	99	132	231	154	+ 77
4th Quarter	116	121	237	168	+ 69
1960 1st Quarter	87	152	239	179	+ 60
2nd Quarter	73	156	229	182	+ 47
3rd Quarter	64	117	181	185	— 4
4th Quarter	77	94	171	188	— 17
1961 1st Quarter	64	136	200	201	— 1
2nd Quarter	69	164	233	210	+ 23
3rd Quarter	72	126	198	202	— 4
4th Quarter	78	89	167	193	— 26
1962 1st Quarter	63	104	167	206	— 39
2nd Quarter	69	128	197	198	— 1

Notes on the Statistics

The statistics in this article are derived from monthly returns made to the Board of Trade by two types of contributor – household goods shops and finance houses. The household goods shops give the value of the goods sold on credit, which includes the initial deposits or down payments as well as the credit extended (i.e., the balance of the cash price together with the credit charges), during the period. From these figures the index numbers of credit sales per week given in Table 3 are derived. These figures include all household goods sold on credit by the retailers concerned, whether they themselves finance the credit extended or whether this is financed by another organization, for example a finance house. The contributors comprise electricity and gas showrooms, co-operative societies, department stores and multiple and independent retailers. Clothing shops, mail-order houses and credit traders calling on customers for orders are not included.

The contributing finance houses, on the other hand, send in figures of the value of new credit extended during the month. Down payments on the articles are not included. These figures form the basis of Table 4. In so far as goods sold by the household goods shops, whose credit sales comprise Table 3, are financed by direct agreements made between a finance house and the buyer, the new credit extended would also figure in Table 4, as well as being part of the value of sales covered by Table 3.

(*Text continued on page* 699)

Record Output and Sales of British Standards

AT THE annual meeting of the British Standards Institution in London on September 26 it was stated that the importance of British Standards to industry and trade was increasing, demands on BSI's services were growing, but the financial support by industry and government to BSI was not keeping pace.

Mr. Geoffrey Cunliffe, president, said that a new level had been set in 1961-62 with a rise of 14 per cent. in sales of British Standards to the record figure of 1,322,000.

Exhibition of Publications on the Common Market

AN EXHIBITION of books, pamphlets and periodicals dealing with the Common Market will be held in the Manchester Room of the Central Library, Manchester, from October 10 to October 12.

The Central Library claims to have the largest collection of material on the Common Market generally available to the public in this country. As well as items specifically describing aspects of the Common Market, the exhibition will include a display of services provided by the Commercial Library to help the businessman trading with the Six.

H.P. Business (*Continued*)

New Business of Household Goods Shops

Table 3—Index Numbers of Value of Goods Sold on Hire-Purchase and Other Instalment Credit per Week

Average of 1957 = 100

		Year	Jan.	Feb.	March (a)	April	May	June (a)	July	Aug.	Sept. (a)	Oct.	Nov.	Dec. (a)
Furniture and Furnishing Shops	Total (multiple and independent retailers, co-operative societies)	1960	122	113	111	121	102	90	101	92	102	112	120	124
		1961	97	90	98	102	104	104	121	102	106	117	126	132
		1962	98	96	94	100	105	104	115	108				
	of which:													
	Multiple retailers (b)	1960	138	125	116	134	107	94	101	91	99	111	119	125
		1961	98	95	99	106	108	114	125	106	110	121	131	138
		1962	103	100	94	102	106	114	126	115				
	Independent retailers	1960	107	102	103	110	93	83	100	89	99	110	114	120
		1961	94	83	92	95	95	92	109	94	99	109	115	122
		1962	89	90	89	93	97	89	97	92				
Hardware, Radio, Electrical Goods, Cycle and Perambulator Shops	Total (multiple and independent retailers, co-operative societies, gas and electricity showrooms)	1960	126	130	126	124	105	96	92	90	98	109	108	114
		1961	92	96	97	99	104	104	125	96	99	105	105	113
		1962	89	89	93	88	98	116	118	109				
	of which (multiple and independent):													
	Radio and electrical goods shops	1960	105	97	83	87	62	57	58	59	66	78	76	82
		1961	66	61	56	62	64	63	77	56	60	69	69	75
		1962	60	53	50	50	53	61	63	62				
	Cycle shops, cycle and radio shops, perambulator shops	1960	116	121	117	134	110	103	110	103	109	107	105	158
		1961	100	96	101	118	119	115	139	118	110	116	112	175
		1962	106	102	106	117	122	156	153	150				
Department Stores: Household goods department		1960	140	116	120	140	121	101	128	100	117	137	143	138
		1961	133	119	117	123	124	111	156	109	119	141	143	146
		1962	142	114	111	117	120	121	148	122				
Total, Household Goods Shops		1960	125	122	119	124	105	94	99	92	101	112	116	120
		1961	97	95	99	102	106	105	125	100	104	113	117	124
		1962	97	94	94	95	103	111	119	109				

(a) Average of five weeks.
(b) Multiple retailers are defined as those having ten or more branches.

New Business of Finance Houses

Table 4—Index Numbers of New Hire-Purchase and Other Instalment Credit Extended Direct to Hirers per Calendar Month

Monthly average of 1957 = 100

	Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private cars – new	1960	188	182	255	249	199	154	146	113	110	106	94	70
	1961	116	173	234	206	241	224	242	139	111	114	115	83
	1962	124	145	168	169	238	201	199	145				
Private cars – used	1960	160	191	250	240	178	155	150	149	129	121	113	92
	1961	131	179	204	183	218	201	195	143	110	118	108	79
	1962	96	121	134	138	179	162	169	152				
Commercial motor vehicles – new and used	1960	201	211	261	242	233	214	199	165	173	186	184	154
	1961	195	212	246	221	238	235	240	163	142	154	144	110
	1962	155	157	171	157	185	161	160	130				
Motor cycles, side-cars, power-assisted cycles – new and used	1960	100	133	225	244	208	164	148	144	118	97	82	59
	1961	71	108	171	160	184	161	160	135	85	73	59	37
	1962	43	64	78	82	106	95	96	82				
Caravans – new and used	1960	113	162	233	254	264	168	156	148	126	108	83	54
	1961	74	137	220	219	242	248	226	188	146	159	123	80
	1962	95	127	172	175	222	205	217	198				
Farm equipment and tractors	1960	108	131	159	157	176	173	162	151	122	153	163	94
	1961	128	123	195	195	195	217	201	169	132	150	128	79
	1962	93	105	143	110	112	116	141	151				
Industrial and building plant and equipment	1960	207	205	273	261	270	267	231	205	231	253	245	194
	1961	251	239	312	311	360	315	346	233	239	272	263	211
	1962	254	300	337	266	302	254	286	212				
Household goods (a)	1960	242	204	213	177	172	142	139	137	131	141	142	136
	1961	138	114	126	120	136	123	133	115	107	118	119	104
	1962	118	98	90	88	110	105	120	115				
All goods (including goods not shown above)	1960	180	188	244	232	201	170	169	151	139	138	132	110
	1961	144	168	207	190	220	204	207	150	123	131	125	96
	1962	121	133	147	142	179	160	168	143				

(a) Includes pedal cycles and some mopeds; mopeds are generally classified with motor cycles but some returns do not distinguish mopeds from pedal cycles.

Total Outstanding Overdrafts of Nationalized Industries

THE TREASURY ANNOUNCE that the total of the bank overdrafts at September 19, 1962, of the seven authorities to which advances may be made under section 42 of the Finance Act 1956, as amended, was £64·7 million of which £55·0 million was from the clearing banks and £9.7 million from the Scottish banks.

Imports of Fresh Grape Fruit from the Dollar Area

THE BOARD OF TRADE announce that in view of the present level of supplies on the market, the period during which fresh grape fruit may be imported from the Dollar area within the 1962 quota is being extended to October 15, 1962.

H.P. Business *(Continued)*

Both types of contributor also return monthly totals of instalments outstanding to them at the end of each period. These figures are brought together in Table 1. The estimates of debt owed direct to household goods shops relate to agreements entered into between customers and retailers. These estimates include the amounts outstanding on agreements which are subsequently discounted by finance houses. The debt outstanding on agreements made direct between finance houses and retail customers is, however, excluded from the debt owed to shops and included in the total of instalments owed to finance houses. This total does not include the amounts which have been discounted with finance houses. Included with finance houses are some manufacturers who finance credit sales of their own products.

Table 2 gives total credit transactions of finance houses and household goods shops combined. For further details see Economic Trends No. 95, September 1961. The figures were revised in the *Board of Trade Journal* of 17th August 1962 in the light of more comprehensive information about deposits on household goods derived from the Family Expenditure Surveys.

The repayments figures are derived from the new business and change in debt outstanding reported by contributors and thus necessarily include sums written off as irrecoverable and lump sum settlements of outstanding balances in addition to normal weekly, monthly or other periodical instalments.

Tables 1, 3 and 4 are based upon estimates derived from the Census of Distribution for 1957.

The estimates in £'s million of goods sold on hire-purchase and other instalment credit during 1957, on which Table 3 is based, are: furniture and furnishings shops, 138·32; of which multiple retailers, 58·76 and independent retailers, 59·80; hardware, radio and electrical goods shops, electricity and gas showrooms, cycle and perambulator shops, 153·92; of which radio and electrical goods shops 81·12 and cycle shops, etc., 17·68; department stores (household goods departments), 22·36. Total, household goods shops, 314·60.

The estimates in £'s million of the amount of new hire-purchase and other instalment credit extended in 1957 by finance houses, on which Table 4 is based, are: private cars (new), 55·96 and (used), 122·36; commercial motor vehicles, 46·25; motor cycles, etc., 32·33; caravans, 7·03; farm equipment and tractors, 7·53; industrial and building plant and equipment, 17·02; household goods (including pedal cycles), 49·01; and all goods, 350·57.

Mr. Kenneth Lewis, M.P., paid tribute to Timsons Ltd.'s (rotary machine manufacturers) export performance when he visited their works at Kettering recently, accompanied by Mr. F. H. Thomas, Deputy Regional Controller, Board of Trade, Birmingham. The company export about half of their total output of custom-built machines throughout the world. Seen with Mr. Lewis (right) are Mr. E. Timson (left), chairman and managing director, and Mr. K. Pearce, in charge of the planing machine.

Photo: Northamptonshire Newspapers Ltd

Institute of Export Awards

ON SEPTEMBER 27 Sir Donald Anderson, president of the Institute of Export, presented prizes and certificates to the successful final students of the Institute's course of examinations.

Sir Donald said that the annual prize-giving ceremony had been introduced because modern exporting required training and the increasing recognition of the Institute's examinations was resulting in more students registering.

Registrations of British and Foreign Films

THE FOLLOWING are details of films registered by the Board of Trade under the Films Act, 1960, during the week ended Friday, September 28, 1962.

Title of Film	Registered in the Name of	Maker's Name	Registered No.	Playing Time Minutes	Date of Registration
		BRITISH			
Out of the Fog	Eternal Films Ltd.	Eternal Films Ltd.	Br/E 27780	69	September 24
The Heart of Scotland	Metro-Goldwyn-Mayer Pictures Ltd.	Templar Film Studios	Br/E 27782	24	September 24
Over the Sea to Skye	" " "	Anvil Films (Scotland) Ltd.	Br/E 27783	18	September 24
Mrs. Gibbons' Boys	British Lion Films Ltd.	Byron Film Productions Ltd.	Br/E 27786	82	September 24
Look at Life Series: 15 *Golden Wings*	Rank Film Distributors Ltd.	Rank Film Distributors Ltd.	Br/E 27787	9	September 24
Mining Review No. 2, 16th Year	Data Film Distributors Ltd.	National Coal Board	Br/E 27791	10	September 26
Pathe Pictorial Series 404-416: *Pathe Pictorial No.* 407	Warner-Pathe Distributors Ltd.	Associated British Pathe Ltd.	Br/E 27792	8	September 27
Movietone News 1737A	Twentieth-Century Fox Film Co. Ltd.	British Movietonews Ltd.	Br/E 27544	7	September 28
Movietone News 1738	" " "	" "	Br/E 27545	7	September 27
Movietone News 1738A	" " "	" "	Br/E 27546	7	September 27
Pathe News 62-77	Warner-Pathe Distributors Ltd.	Associated British-Pathe Ltd.	Br/E 27493	7	September 27
Pathe News 62-78	" "	" "	Br/E 27494	8	September 27
		FOREIGN			
America Through the Keyhole	Panton Film Distributors Ltd.	Francois Reichenbach Les Film de la Pleiade	F 27777	60	September 24
White Slave Ship	Anglo Amalgamated Film Distributors Ltd.	American International Pictures	F 27781	85	September 24
The Last Woman on Earth	British Lion Films Ltd.	The Film Group Inc.	F 27784	59	September 24
Constantine the Great	British Lion Films Ltd.	Beaver-Champion Attractions Inc.	F 27785	109	September 24
Deadly Duo	United Artists Corporation Ltd.	Harvard Film Corporation	F 27788	69	September 25
New Orleans After Dark	Ranworth Film Services Ltd.	M.P.A. Film Productions	F 27789	69	September 25
One Week With Love	Planet Film Distributors Ltd.	Rizzoli Film	F 27790	83	September 26
The Notorious Landlady	Columbia Pictures Corporation Ltd.	Columbia Pictures Corporation	F 27793	117	September 27

The Registration number of the film 'The Dock Brief' registered on September 20, 1962, has been altered to Br/E 27778.
The title of the film 'La Recreation' (F 26648) registered on July 18, 1961, has been amended to read 'Playtime.'
The playing time of the film 'Forever My Love' (F 27170) registered on February 9, 1962, has been amended to 116 minutes.
Where the title appears in italics the film forms parts of a series. Br/E indicates that the film is a British quota film.

Recent Export Orders

United Kingdom firms are invited to send in brief details of new export orders or contracts for publication on this page.

Extrusion Equipment for Italy

Fawcett Preston Ltd. have obtained an order from Rapisarda of Milan for three complete extrusion lines. Two will be used to process special resins such as plastic and nylon; the third will be used to cover cables and electrical conductors with synthetic rubber.

Textile Plant Equipment for Russia

Electrical equipment for installation in a new textile plant in Russia, has been ordered from A.E.I. Ltd. It includes spinning motors, frequency changers, geared motor units, motors and reversing switches.

Cryogenic Vessels for French Atomic Energy Commission

An 80-gallon cryogenic vessel, to be used for the storage of liquid nitrogen, has been ordered from W.P. Butterfield (Engineers) Ltd., of Shipley, Yorks, by the French Atomic Energy Commission.

New Jet Airliners for Kuwait

British Aircraft Corporation are to supply Kuwait Airways with three jet airliners with an option on a fourth. The order is worth £3 million.

Vehicle Chassis for South Africa

A.E.C. Ltd., have received an order for seven different types of vehicles chassis from South Africa worth £350,000.

Excavator for Irish Republic

Stothert & Pitt Ltd., of Bath, have received an order for a multi-bucket excavator from the Irish Republic, for use at the Drogheda works of Cement Ltd., Dublin.

Swiss Order Dynamometer

Heenan & Froude Ltd., of Worcester, have supplied to Sulzer Brothers Ltd., of Wintherthur, a massive dynamometer, believed to be the largest ever exported from Britain.

Steelwork Controls for India

Brookhirst Igranic have supplied electrical controls for the steelworks at the Jamshedpur Works of the Tata Iron & Steel Company. These are part of an order worth £90,000 received from a number of firms.

Aerodrome Control Equipment for Malta and Grenada

Two control consoles are being supplied by International Aeradio Ltd., of London, for the re-equipped Flight Information Centre at Luqa Airport, Malta. A console has also been ordered for use at Pearl's Airport, Grenada in the Caribbean.

Steel Form work for the Sudan Dam and Pakistan Canal

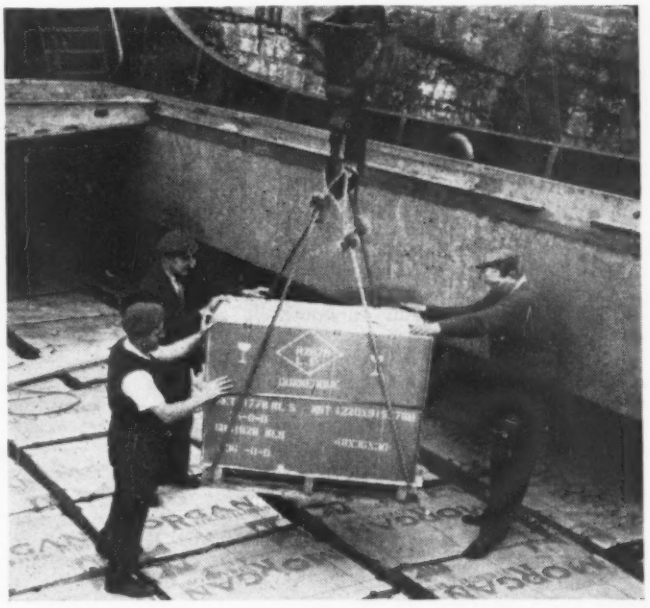
Acrow (Engineers) Ltd., of London, are to supply further special steel framework (£100,000 worth already completed) to mould concrete structures at the Roseires Dam in Sudan. The firm are also to supply the framework for the Sidnhai-Mailsi link canal. This order is valued at £10,000.

Switchgear for Oil Refineries in Netherlands and Kenya

South Wales Switchgear Ltd., of Blackwood, Mon., have received orders from Netherlands and Kenya for switchboards and transformers to be installed in new oil refineries.

Extrusion Presses for Sweden

Two Loewy steel extrusion presses are the main items of plant in the new £2·6 million steel tube works, which featured in the Centenary Celebrations of Sandvikens Jarnverks A.B., the Swedish producers of special steels and tungsten carbide. The extrusion plant, which cost more than £860,000, was designed and built by The Loewy Engineering Co. Ltd., of Bournemouth, a member of the TI Engineering Division. It is stated that The Loewy Engineering Co. has built more steel extrusion presses than any other maker in Europe or America, of which over 70 per cent. have been for export.



Part of a consignment of blast furnace lining bricks made by Morgan Refractories Ltd., London, being loaded at Mostyn, Flintshire, for shipment to France. The order was secured by the company's subsidiary in France, Fours Rousseau-Creusets Morgan S.A., and Morganite Exports Ltd., London.

Power Station Equipment for Malaya

A.E.I. Ltd., is to supply generating plant worth nearly £1 million for the extension of the Malim Nawar thermal power station in Malaya. The order has been placed by Balfour Beatty & Co. Ltd. on behalf of the Perak River Hydro-Electric Power Co. Ltd. of Malaya.

Furnaces for Spain

Incandescent Ltd., of Smethwick, have secured a contract for the furnaces and ancillary plant to serve a new Sendzimir Planetary Hot Mill to be installed at the works of Esteban Orbegozo S.A. in Spain.

Electrical Equipment for New Zealand

Crompton Parkinson Ltd., have received a further large order from Fisher & Paykel Ltd., of Auckland, New Zealand, for £27,000 worth of electrical motors, for use in the manufacture of their washing machines and tumbler driers, bringing the total value of motors supplied to them to £500,000.

Data Processing Equipment for Spain

Adrema Ltd., of Telford Way, London, have announced that within one month of the lifting of import restrictions by the Spanish Government, they and their Bradma subsidiaries of East Acton, received orders on the spot in Spain totalling £70,000.

Transmission Equipment for Finland

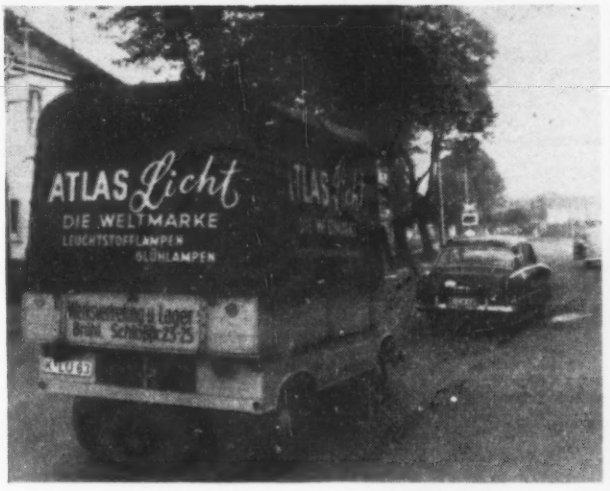
The General Electric Co. Ltd., has been awarded a contract to supply completely transistored 3-circuit carrier telephone equipment to the Posts and Telegraphs Department, Finland, for operation over open-wire lines. Altogether the contract covers 200 terminals and 50 repeaters.

Toys for Czechoslovakia

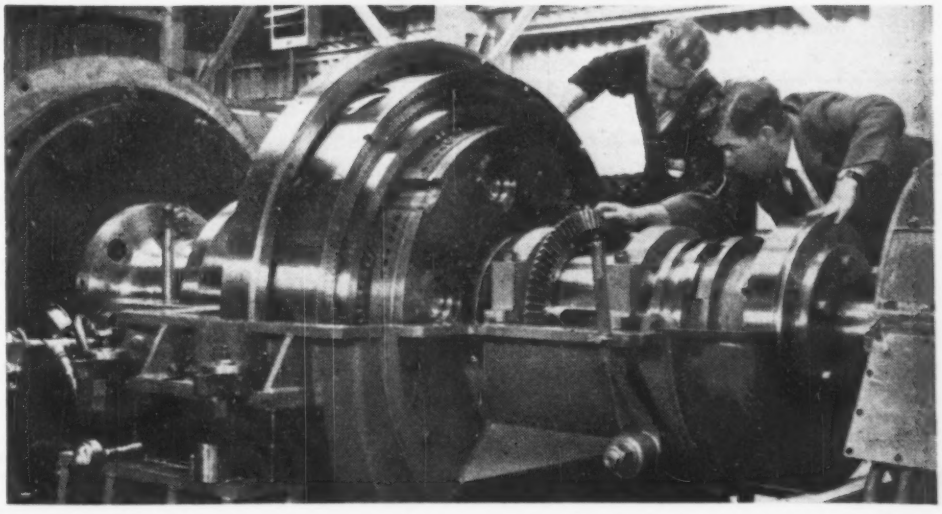
S. Guiterman and Co. Ltd., of London, manufacturers of jigsaw puzzles, card games, and diecast metal toys have received a £2,000 order from the State Trade Organization in Czechoslovakia.

TRADING WITH THE COMMON MARKET

The new Black & Decker factory at Civate, set in the heart of the Dolomites near Lake Como, about 30 miles from Milan. The factory which employs 300 people was designed by Signor Consiglieri, managing director of the Black & Decker company in Italy. *Below:* Mr. Sam Alper, chairman and managing director of Sprite Ltd., on his departure for a recent Continental sales tour. Sprite export demand is running at a record level.



This delivery truck, operating on a Cologne highway, is used to distribute Atlas lighting products. Atlas products are marketed in West Germany by Atlas-Licht G.m.b.H., a subsidiary company of Thorn Electrical Industries Limited. *Right:* One of two Allen-Stoeckicht epicyclic gears for merchant ship propulsion undergoing examination after full-speed running tests at the Atlas Works, Pershore, Worcs., of W. H. Allen Sons & Company Ltd. They are being supplied to the Ateliers et Chantiers de Bretagne, Nantes, in connection with the conversion to diesel propulsion of two steam-powered Liberty ships 'Pan' and 'Velos' for the Zim Israel Navigation Co. Ltd.



The Register of Restrictive Trading Agreements

Additions and Amendments to the Register

A list of additions and amendments made to the alphabetical index to the register between July 1 and September 30, 1962, is given below; the amendments are shown in italics.

'D' and 'F' Agreements

Also given below, headed '"D" and "F" Agreements', is a schedule which brings up to date at September 30, 1962, particulars of those agreements which have been determined or varied.

A full explanation of the basis on which these two lists have been compiled, and the meaning of the symbols used, was published in the *Board of Trade Journal* (page 9) on January 5, 1962.

Agreement referred to the Restrictive Practices Court

The undermentioned list, headed 'Agreement referred to the Restrictive Practices Court,' gives details of an additional agreement in respect of which a Notice of Reference has been issued, thus constituting formal commencement of proceedings before the Restrictive Practices Court, as explained in the introductory paragraph to the lists published in the *Board of Trade Journal* (page 9) on January 5, 1962. Anyone who may be in a position to assist the Court with evidence from his own experience of results of any of these agreements which he thinks affect the public interest is asked to communicate as early as possible with the Treasury Solicitor's Branch, Office of the Registrar of Restrictive Trading Agreements, Chancery House, Chancery Lane, London, W.C.2.

Inspection of the Register

The register may be inspected at a fee of 1s. per day, between 10 a.m. and 4.30 p.m., on any weekday except Saturday and certain holidays at any of the following addresses:

Office of the Registrar of Restrictive Trading Agreements,
Chancery House, Chancery Lane, London, W.C.2.
9 Wemyss Place, Edinburgh, 3.
Chichester House, 64 Chichester Street, Belfast.

The indexes to the register, one as published in the *Board of Trade Journal* and one in which commodities are grouped by classes, may be inspected at these addresses free of charge.

Additions and Amendments to the Register

Registered No. of Agreement	Commodity
	A
1845	Agricultural wires, *add D.6/62.*
	B
2276	Bacon pigs, E.4/62.
2755	Bananas.
2792	Boats.
1729	Bread, South Wales, *delete F.11/58, insert D.3/60.*
1216	Building materials.
82	Building materials, Scotland, *add F.5/62.*
1732	Building materials, *add Mid-Derbyshire.*
95	Building materials, *add Northampton.*
141	Building materials, *delete Farnworth and insert District.*
2794	Building materials, Ebbw Vale and District.
2784	Building materials, E. Glamorgan and Monmouthshire Valleys.
428	Building materials, Leicester and District.
525	Building materials, *add North Staffordshire.*
2786	Building materials, Rossendale and District.
	C
894	Cocoa jugs, pottery, coffee pots, pottery, *delete E.1/62.*
1285	Coke, North of England, *add F.6/62.*
1284	Coke, The Midlands, *add F.6/62.*
1055	Confectionery, *add F.6/62.*
428	*Delete constructional building materials, Leicester and District.*
2782	Copper pipe, Glasgow, West of Scotland.
269	Cotton yarn-doubling, Lancashire C.3/59, 11/60, *add D.2/62.*
79	Cotton yarn, Lancashire C.2/59, 11/60, *add D.2/62.*
2785	Cranes, lorry mounted.
179	Crude tar acids, *add D.7/62.*
	D
1800	Dyeing and finishing, *add D.6/62.*
1535	Dyeing, finishing of piece goods, *add D.4/62.*
	F
2583	Fish, *add E.10/62.*
	G
346	Gas coke, D.7/61.
2743	Gas coke, D.7/61.
660	Glass containers, *add C.3/61.*
	H
2735	Hardwood sawn mining timber, *add E.9/62.*
2796	Heat treated bolts and set screws.
	I
1122	Iron and steel forgings, *add F.9/62.*
	J
191	Joinery and woodwork products, *delete F.4/59, substitute D.11/61.*
894	Jugs, pottery, *delete E.1/62.*
	L
803	Lead, refining of, *add D.4/62.*
1052	Lead sheet and pipe, *add C.5/62.*
	M
1216	Delete magnesium oxychloride flooring, England and Wales.
2792	Marine equipment and chandlery.
	N
97	Newspapers, *add C.7/61.*
2790	Newspapers, Pinner, Middlesex.
2788	Newspapers, Sunday.
	O
544	Oxygen and nitrogen apparatus for aircraft, E.8/65, *add F.6/62.*
	P
2787	Packing cases, Manchester and District.
2673	Peeled pitprops, *add E.9/62.*
2736	Pitwood and laggings, *add E.9/62.*
2778	Plumbing materials, Aberdeen and District.
2782	Plumbing materials, Glasgow, West of Scotland.
2796	Precision cold formed nuts.
	R
1558	Railway rolling stock and parts, *add D.6/62.*
1137	Rayon staple spinning and doubling, *add D.3/62.*
	S
803	Scrap and remelted lead, *add D.4/62.*
1399	Scrap lead, *add D.4/62.*
2795	Sleepers, softwood railway.
148	Stainless steel wire, *add D.8/62.*
2618	Standard metal windows, *add C.7/62.*
1026	Steel butt-welding pipe fittings, *delete D.11/59, substitute D.8/59.*
2614	Steel butt-welding pipe fittings, *add D.4/60.*
894	Sugars, pottery, *delete E.1/62.*
881	Sunday newspapers.
	T
894	Teapots, pottery, *delete E.1/62.*
	W
1846	Wire netting, *add D.6/62.*
623	Wire products, *add F.6/62.*
1215	Wood flooring, *delete England and Wales.*
1567	Woven fabrics, finishing, *add D.2/62.*

'D' and 'F' Agreements

Registered No. of Agreement	Commodity	Area	D or F	Date
79	Cotton yarn	Lancashire	D	Feb. 1962
82	Building materials	Scotland	F	May 1962
148	Stainless steel wire	—	D	Aug. 1962
179	Crude tar acids	—	D	July 1962
191	Joinery and woodwork products	—	D	Nov. 1961
269	Cotton yarn-doubling	Lancashire	D	Feb. 1962
346	Gas coke	—	D	July 1961
544	Oxygen and nitrogen apparatus for aircraft	—	F	June 1962
623	Wire products	—	F	June 1962
803	Lead, refining of; scrap and remelted lead	—	D	April 1962
1026	Steel butt-welding pipe fittings	—	D	Aug. 1959
1055	Confectionery	—	F	June 1962
1122	Iron and steel forgings	—	F	Sept. 1962
1137	Rayon staple spinning and doubling	—	D	Mar. 1962
1284	Coke	The Midlands	F	June 1962
1285	Coke	North of England	F	June 1962
1399	Scrap lead	—	D	Apr. 1962
1535	Dyeing, finishing of piece-goods	—	D	Apr. 1962
1558	Railway rolling stock and parts	—	D	June 1962
1567	Woven fabrics, finishing	—	D	Feb. 1962
1729	Bread	South Wales	D	Mar. 1962
1800	Dyeing and finishing	—	D	June 1960
1845	Agricultural wires	—	D	June 1962
1846	Wire netting	—	D	June 1962
2614	Steel butt-welding pipe fittings	—	D	Apr. 1960
2743	Gas coke	—	D	July 1961

Agreement Referred to the Restrictive Practices Court

Registered No. of Agreement	Commodity
2773	Manganese ore and ferro-manganese.

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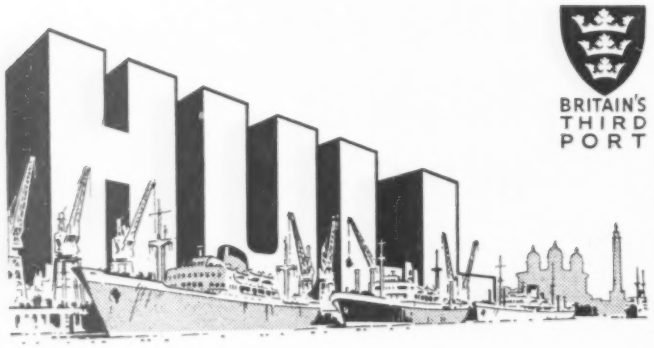

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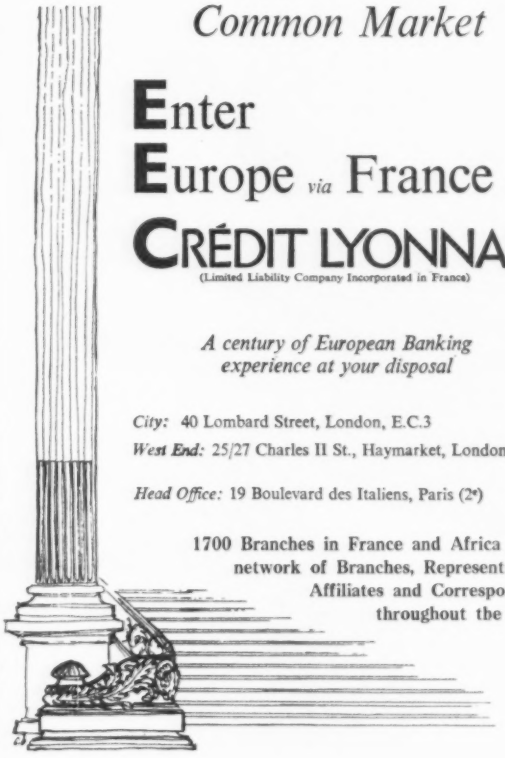

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BY AUCTION ON

Wednesday, 24th October, 1962

A large quantity of British and American Aircraft Spares and scrap metal comprising 200 lots with an estimated total weight of over 100 tons.

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Government Surplus Sales by Auction

War Office

1962	Stores	Location	Auctioneers
Oct. 10	Miscellaneous stores	N.C. Ordnance Sub-Depot, Barlow, Nr. Selby, Yorks.	Bartle & Son (Dept. L), 52 Merrion Street, Leeds. (Tel.: 20898.)
Oct. 18-19	Plant and miscellaneous stores including:	Technical Stores Sub-Depot, Wem, Salop.	Hall, Wateridge & Owen (Dept. L), High Street, Shrewsbury. (Tel.: 2081.)

51 Tilling Stevens/Lister generator sets 17 kVA.; 36 Lister, Douglas and Windgrove & Rogers industrial auto trucks; 11 Lansing Bagnall forklift and pallet transporting trucks; seven O'Keefe Merrit trailer power units 10 kW.; Broomwade and Curtis air compressors; 13 Danarm portable saws; paint spraying units; 11 Pegson & Ben Johnson earth rammers; Holman pneumatic picks; 2,000 sets 9 in. and 6 in. earth augers; 900 boring bars; 43,000 cruciform bits; centrifugal and semi rotary pumps; 36,000 ft. of armoured water hose; 800 extension and rope ladders; jointers trailer carts; static fuel tanks; 30 Wisconsin and Briggs & Stratton petrol engines; electric motors; charging sets; 1,500 cable connectors; 50 reception sets R107 and R109; 8,000 magnetic compasses; theodolites and telescopic levels; binoculars; wrist, pocket and stop watches; drawing and survey instruments; large quantities of Nissen hut components; 200 domestic boilers; slow combustion stoves; flue pipes; fireclay sinks; taps; plugs; brackets; stays; 400 folding wooden tables; 8,000 folding wooden forms, etc.

Oct. 23	Miscellaneous stores	W.D. Storage Depot, Ruddington, Notts.	Walker, Walton & Hanson (Dept. L), Byard Lane, Bridlesmith Gate, Nottingham. (Tel.: 54272.)
Oct. 30	Miscellaneous stores	Central Ordnance Depot, Bicester, Oxon.	Midland Marts Limited (Dept. L), Market Square, Bicester, Oxon. (Tel.: 73.)

Catalogues for each sale shown above may be obtained from the appropriate auctioneer 14 days prior to date of sale, price 1s. 0d. each (*Postal Orders only*).

MACHINE TOOLS – Sale by Tender

Horizontal borer; radial drill; internal, surface and universal grinders; capstan, turret and shell turning lathes; horizontal, vertical, universal, cam and thread millers; shaping and routing machines.

Location: War Department Storage Depot, Rotherwas, Hereford.

Application for tender forms should be made to War Office, Directorate of Disposals, First Avenue House, High Holborn, London, W.C.1. Tender forms must be returned by October 30, 1962. Permission to view on presentation of tender form only.

Air Ministry

1962	Stores	Location	Auctioneers
Oct. 9	Huts and buildings, one small T.2 hangar, one Bellman hangar, 73 Nissen huts, 37 Seco huts, seven 12,000 gal. petrol tanks	Royal Air Force Station, Weston Zoyland, Somerset.	W. H. Palmer & Sons, 14 Castle Street, Bridgwater, Somerset. (Tel.: Bridgwater 3061). Catalogues free.
Oct. 17	Miscellaneous stores	No. 7 Maintenance Unit, Royal Air Force, Quedgeley, Glos.	Bruton Knowles & Co., Albion Chambers, King's Street, Gloucester. (Tel.: Gloucester 21267).

The above sale will include furniture, carpets, rugs, blankets, tools, electrical equipment, generating sets, marine engines, diesel and petrol engines, trolley compressors, tyres, clocks, packing cases, etc.

Oct. 24	Huts and buildings; four 7,200 gal. fuel tanks; one 5,000 gal. fuel tank; four 3,500 gal. fuel tanks; three 2,500 gal. fuel tanks; one 500 gal. fuel tank.	Royal Air Force Stations, Foulsham and and Methwold.	Cruso & Wilkin, 18 The Square, Fakenham, Norfolk. (Tel.: Fakenham 2255). Catalogues free.
Dec. 6	Miscellaneous stores and equipment	No. 25 Maintenance Unit, Royal Air Force, Hartlebury, Worcs.	Nock & Joseland, Bank Buildings, Kidderminster, Worcs. (Tel. Kidderminster 2053)

Catalogues for the above sales may be obtained within fourteen days of the advertised date of sale, on application to the auctioneers. (Catalogues for all sales held at Maintenance Units cost 1s. 0d. each, *Postal Orders only*.)

Tender Sale

Tenders are invited for the purchase of Nissen type hutting components (unused), main constituents of five No. 24 ft. span huts lying at Bishops Court, N. Ireland. Apply within seven days of the date of this notice to Air Ministry, C.19a Turnstile House, High Holborn, W.C.1, for tender form.

Ministry of Public Building & Works

1962	Description of Goods	Location	Auctioneers
October 12	Domestic and miscellaneous furniture, plan presses, racking, trolleys, beds, curtains, linoleum, kitchen equipment, glassware, crockery and hardware.	Ministry of Public Building and Works Clearing Store, Burnett Lane, near Keynsham, Somerset.	Lalonde Bros. & Parham, 64 Queen's Road, Bristol 8. (Tel.: Bristol 27731).

Catalogues, price 1s. 0d., are obtainable from the Auctioneers. View days—October 10, 11, and morning of sale.

Trade Fairs and Exhibitions at Home and Overseas

Changes in Trade Fairs and Exhibitions Announcements

BECAUSE of pressure on space all the various classified lists of trade fairs and exhibitions will be published in full only on the dates indicated below:

	Date Last Published	Date Next Published
Outside Europe	This Issue	Jan. 4
Europe	Sept. 7	Dec. 7
United Kingdom	Aug. 3	Nov. 2

Amendments and additions to the three lists will be shown in the issues of the intervening weeks.

No responsibility is taken for the standing of organizations or individuals mentioned in the lists, and dates, etc., may be subject to alteration.

The Board of Trade Export Publicity and Fairs Branch, Horse Guards Avenue, London, S.W.1 (Telephone: Trafalgar 8855, Extension 3096 Europe; 3097 United Kingdom and outside Europe) will be glad to answer general inquiries but application should be made to the organizers or United Kingdom agents for details of costs and conditions of participation. Export Publicity and Fairs Branch can also provide information about other events, which, owing to space limitation, are not included in the lists.

* indicates fair which is held annually at approximately the time stated.

† indicates fair which is held in alternate years at approximately the time stated.

Additions to Classified Lists of Trade Fairs and Exhibitions

THE FAIRS and exhibitions given below are additions to the full lists published in the *Board of Trade Journal* on September 7 and August 3 respectively.

EUROPE

Addition:

FRANKFURT: 6TH INTERNATIONAL WORLD PETROLEUM CONGRESS AND EXHIBITION (INTER-OIL) – June 19-26, 1963.
Apply, L.E.P. Transport Ltd., Sunlight Wharf, Upper Thames Street, London, E.C.4. (Tel.: Central 5050.)

UNITED KINGDOM

Additions:

EDINBURGH: SCOTLANDS FOOD EXHIBITION – March 5-16, 1963.
* At Waverley Market. Apply, Scottish Trades Markets and Exhibitions Ltd., City Hall, Deansgate, Manchester 3. (Tel.: Deansgate 6363.)

LONDON: INSTRUMENTS, ELECTRONICS AND AUTOMATION EXHIBITION – May 25-30, 1964.
† At Olympia. Apply, Industrial Exhibitions Ltd., 9 Argyll Street, London, W.1. (Tel.: Gerrard 1622.)

Gauge, Tool, and Power Press Exhibition

SPEAKING at the opening of the sixth Gauge and Tool and Power Press exhibition at Olympia, London, on October 1, Mr. Frederick Erroll, President of the Board of Trade, said he had watched with interest the growth of the Gauge and Tool Makers' Association Exhibitions. In 1946 there were, he believed, some 80 exhibitors with as many small stands occupying 10,000 sq. ft. Today there were 130 exhibitors, occupying over 55,000 sq. ft. This was a fine achievement.

He had been informed that visitors to the exhibition would include representatives from France, Holland, Scandinavia, Poland, Hungary, Czechoslovakia, the United States and Japan. 'I am sure they will be greatly impressed by the advanced design and the quality of the exhibits. The products we see here are absolutely vital to the progress and growth of the engineering industry – whether here in Britain, or in industrial countries abroad. In the challenging times ahead of us, British industry will only be able to maintain its position in the world if it can rely on your industry to provide them with gauges, tools and power presses which embody the newest and most effiecient developments in design and technique.'

Continuing, Mr. Erroll said that although in the nature of things a very large part of the industry's output must necessarily go to sustain the country's domestic engineering industries, tribute should be paid to the substantial achievements in the export field. Direct exports of British precision tools and gauges had been going up steadily, and today represented something like 20 per cent. of the industry's annual output; the two-fifths increase in direct exports since 1959 was a very notable and welcome achievement.

'I feel sure that your industry can face with confidence the increasing competition in the world market, and if Great Britain becomes a member of the European Economic Community, I am confident that you will give a very good account of yourselves. I congratulate the Association and all those who have worked so hard to organize this display.

Visitors were able to see and discuss a range of manufactures which included gauges and measuring instruments and equipment, gear cutting and checking equipment, jigs, fixtures and special tools, special purpose machines and machine tool equipment and accessories, press tools, portable power tools, moulds and dies, diamond tools, engineers' small tools, testing machines and equipment, power presses and ancillary equipment. Many exhibitors gave practical demonstrations of their manufactures, from gauges of ·001 diameter in a range calibrated to the nearest ten millionths of an inch, to power presses of up to 150 tons capacity. One exhibitor showed a range of 36,972 jig bushes, specially hardened and finished to precision limits and another, 500 stock sizes of ratchet spanners as one example of a wide range of hand tools. A very high proportion of the exhibits were new and on show for the first time.

HEVAC's Export Drive

THE SECOND International Heating, Ventilating and Air Conditioning Exhibition (HEVAC) at Olympia, London, demonstrates that the industry is applying itself vigorously to overseas markets, especially the rapidly expanding possibilities in Europe. Exports are now valued at more than £5,000,000 a year.

In his opening speech on September 26 Mr. Roland Smith, chairman of the Exhibition Advisory Commission, said that all concerned with the industry were making significant economic and technical strides.

Technical advance was vital to the national economy but was not in itself enough. It must be coupled with efficient production, sound marketing, and effective selling. Only by a combination of all these aspects would we increase our share of the world's markets and ensure, as a nation, that we paid our way.

Export performance in all branches of the industry was rising. They were no longer dependent upon ideas from overseas – and in fact were exporting designs as well as systems and equipment. This was emphasized by the volume of correspondence from overseas visitors attending the exhibition.

An official information stand was provided by the Board of Trade to assist both British exporters and overseas buyers.

New fuel economy methods for industry and the home were a major feature of the exhibition and throughout the accent was on higher efficiency of equipment, conservation of heat and simplified installations leading to lower capital cost.

The exhibition, at which there are 200 exhibitors, closes today.

Rochdale Committee's Report on Ports

The Report of the Committee, set up in March 1961 under the chairmanship of Lord Rochdale, to consider the adequacy of Britain's major docks and harbours to meet present and future national needs and whether working methods could be improved, was published on September 26. (H.M.S.O. price 15s.).

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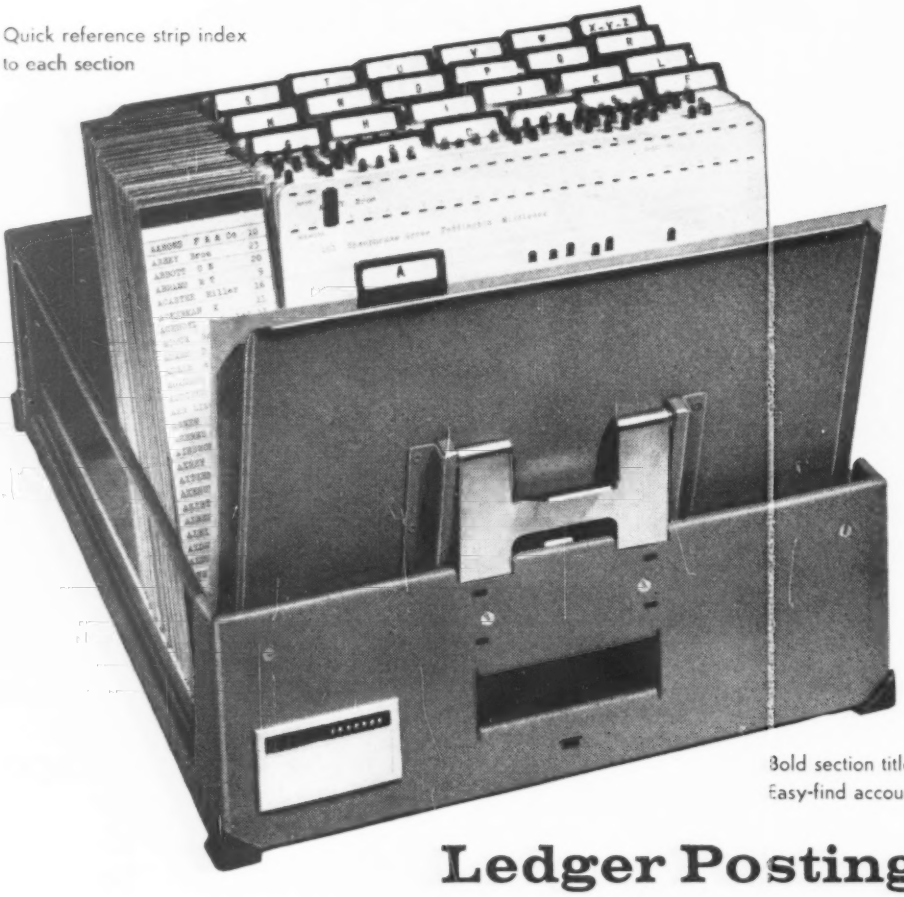

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To find a ledger card, you simply 'flip' back the section divider, glance down the index, and note the code number. The ledger cards at your fingertips each have a coloured acetate tab bearing a code number and you can pull out the one you require in a second. No more rummaging through a thick bank of cards, it's so easy now.

To save time, just attach the coupon on left to your business letterheading for full details of this NEW system by return post.

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O & M TO BRITISH BUSINESS

Business Equipment Industry's Increased Exports

IN THE FIRST eight months of this year, the business equipment industry exported £27,804,303 worth of its products. This was an increase of £2,028,294 on the same period last year. This was revealed by the Business Equipment Trade Association, organisers of the 50th National Business Efficiency Exhibition which was opened by the Lord Mayor of London, Sir Frederick Hoare, at Olympia, London, on Monday. The Fair closes on October 10.

Referring to these figures at the inaugural luncheon to mark the opening of the exhibition, Mr. B. J. W. Coxeter, president of the Business Equipment Trade Association, said that of this total £21,562,817 comprised offices machines, and £6,241,486, other office equipment such as carbons, duplicating paper, office furniture, cabinets and safes, and other pieces of office equipment. Mr. Coxeter said 'An encouraging feature is that following our best ever month in July, we made further progress in August, and so have good reasons to be optimistic for the remaining months of this year.'

These figures it was revealed did not include computer equipment, which for various reasons was difficult to assess in the total, but which nevertheless comprised a most important part of the Association's activities. Exports of office machines for the first eight months of this year showed increases to the European Economic Community countries, the European Free Trade Association countries and other foreign countries compared with the same period in 1961. However, it was stated that there had been a slight drop in exports to the Commonwealth countries.

Figures presented by the Association showed that in the first eight months of this year exports to the EEC countries totalled £5,685,588 as against £3,829,834 in 1961. To EFTA countries it was revealed that exports in 1962 totalled £2,100,119 as against £1,817,722 in 1961. Figures comparing exports to the Commonwealth countries showed that the drop was from £5,791,245 in 1961 to £5,372,740 in the first eight months of this year. Exports to other foreign countries were shown to have increased from £8,119,981 in 1961 to £8,404,368 in 1962.

It was shown that best individual customers were France – £2,151,245 – Australia – £2,054,485 – United States – £1,965,626 – West Germany – £1,562,139 – and Japan – £1,200,586.

At the exhibition 163 firms displayed their various equipment over an area of some 200,000 square feet. This equipment covered electronic calculators and mathematical machinery, office printing and composing machines, charting and planning boards, dictating equipment, wage paying machinery, typewriters, duplicators, photocopying equipment, office furniture, cash registers, filing systems, postal franking machines, devices for folding letters and others for opening the morning mail, machines for filling in cheques, and others for signing them.

Factory Equipment Exhibition in Manchester

THE TENTH Factory Equipment Exhibition was opened at Belle Vue, Manchester on September 19, by Mr. W. L. Mather, Vice-president of the Manchester Chamber of Commerce, who arrived from his home by one of the two helicopters specially engaged to provide a direct air link between Manchester Airport and the exhibition site. This service was widely used by both home and overseas visitors. The exhibition sponsored by the Manchester Chamber of Commerce, the *Financial Times* and *Industrial Equipment News*, covers one hundred and fifty thousand square feet and all this space is fully occupied. Some two hundred and fifty firms representing a wide cross section of manufacturers, suppliers and organizations serving industry are exhibiting. The range of equipment, machinery, tools, materials and services on display is divided into nine sections corresponding to the major divisions of industry and represents the largest collection of factory equipment ever exhibited at one time in the north of England. The variety and scope of the exhibition is truly remarkable and looking along the row upon row of display stands carrying everything from split pins and rivets to conveyor belt systems and blast furnace installations, one gets the immediate impression of a huge industrial supermarket offering the latest fruits of research and development in the vitally important field of factory equipment.

More inquiries for tickets have been received from practically every European country than ever before with the greatest single demands coming from Germany and Sweden while 180 home based organizations have co-operated by making tickets available to their members.

A message from Mr. P. R. Gell, president of the Manchester Chamber of Commerce, said that the vast number of manufacturing firms which lie within easy reach of the City would welcome the opportunity of seeing the advances which are constantly being made in the field of factory equipment as against the specialized machinery used in particular industries. The attendances and results of the 1960 exhibition showed that belief to be fully justified and the Board of Directors of the Chamber had no hesitation in extending sponsorship for this repeat performance.

Commercial Motor Show

FOUR HUNDRED and ninety commercial vehicles ranging from mini-vans to giant transporters were on display when the Commercial Motor Show, of which H.M. Queen is patron, opened at Earls Court, London on September 21. (The show closed on September 29.) These vehicles, the majority of which are products of British manufacturers – others are German and French makes – show a trend towards greater pay-loads and more powerful engines.

This show attracts engineers, fleet operators, drivers and large numbers of the public, many of whom visit the show for the sole purpose of buying. As an example of buyers visiting this biennial event, one of the first overseas orders to be placed with an exhibitor came from the Cape Electric Tramways Ltd. of South Africa, who ordered £120,000 worth of single-deck buses for operation in the Capetown and Port Elizabeth areas. This contract augments a £350,000 order placed by the South African company with the same British firm, about six weeks ago.

This year's exhibition, according to the organizers – the Society of Motor Manufacturers and Traders – is the largest display of vehicles and trailers for commercial purposes ever brought together in this country. The Society state that output of lorries, buses and vans from British factories last year totalled more than 460,000 units, the highest figures ever recorded. Exports totalled 168,000 units. However, it was revealed by the Society that home sales in the first seven months of 1962 were at a lower level than in the same period last year. Exports up to the end of July 1962 totalled 93,000 units, a fall of about 15 per cent. on last year. But British manufacturers were still outpacing their rivals. The Society revealed that commercial vehicle exports earn Britain more than £10 million worth of overseas currency every month.

A tour of the exhibition revealed the following displays: A system for easy vehicle loading in which rollers are raised on air cushions above the floor of the vehicle and lowered again when the load is in position. A 10-ton power-operated wreck recovery crane, claimed to be one of the largest in Europe and the most up-to-date in the world. A power-actuated, anti-thief van shutter of reinforced plastic which automatically closes and locks at the touch of a button, and which can be operated by the van driver's elbow if his arms are full. A white synthetic paint designed to resist the discolouring effect of nicotine in tobacco smoke, for the interiors of passenger vehicles and drivers' cabs. Individual passenger refrigerated air ventilation system for coaches. A driving seat specially designed to eliminate all road shock and vibration which can be adjusted to suit the weight of any driver. A portable push-button steam cleaner for removing grease and dried mud from vehicles, and a self-service, coin-operated vehicle suction-cleaning and washing plant.

Though commercial vehicles are not subject to the same fashion changes as cars, there are, nevertheless, certain discernible trends in the British product, even in the short space of two years – since the last Commercial Motor Show. At home, because of the need for greater load space on congested roads, the forward control cab is, in many instances, replacing the normal control type, a tendency which is also becoming increasingly apparent abroad. In the lighter range of goods vehicles, the 10, 12 and 15 cwt. payload class, the significant development has been the introduction of medium diesel engines by the volume manufacturers. At the same time, and again because of the demand for more freight space, one can foresee a trend to uprate the small petrol-engined van to a pay-load of 1 ton or even 25 cwt.

The 21st exhibition presents an intimate picture of Britain's commercial vehicle strength.

Brno International Trade Fair

THE SLOGAN at the fourth International Trade Fair at Brno – September 9 to 23 – was 'Technology to Serve Progress and Peace'. But the purpose of the Fair remains the same as it has always been – to demonstrate the achievements of the Czechoslovak engineering industry and to provide an occasion for the engineering industries of other countries to show what they have to offer not only to Czechoslovakia but also to the other countries of Eastern Europe, representatives of whose Foreign Trade Corporations visit Brno in considerable numbers.

It was inevitable that the biggest single exhibitor should be the host country and that the largest pieces of machinery, should come from countries of Eastern Europe. Western Germany, however, conscious of her position as traditional supplier to Czechoslovakia, was by no mean eclipsed and exhibited products to a total weight of 475,000 kg. Behind Western Germany four Western countries showed about the same weight of products – Italy, Austria, Great Britain (241,000 kg.) and France; other exhibits were less than half this figure.

A hundred British firms were listed as participants at Brno this year, about the same number as Western Germany and well ahead of any other country. Many of the stands were combined efforts. The firms ranged from suppliers of complete rolling mills or chemical plants to manufacturers of measuring instruments and rotary spits. Contracts concluded during the Fair will almost all be the result of previous negotiation spreading over months or even years. What then was the attraction of Brno for British firms? The great advantage it gave was that it enabled exhibitors to get in direct and personal touch with the directors and technicians of the enterprises interested in buying their products. Although many of the Fair visitors were members of the general public who had come merely to look at the sights, it was evident considerable numbers came to study with a professional eye the products on display. Most firms' representatives on the stands said they were pleased with the amount and the type of interest shown in what they had to offer both in the form of actual products or models on display and in the form of technical information about their other products.

From the physical point of view the great attraction of the Fair was its spacious lay-out both inside the various Pavilions and over the exhibition enclosure as a whole. Inside the Pavilions the individual stands were aligned well so that the exhibits could be seen to the best advantage without any suggestion of being cramped. Outside there was enough space for large display areas of motor vehicles of all kinds, agricultural machinery, pumps, etc., and for the enormous crowds which the Fair attracted. Exhibitors spoke appreciatively of the smooth administration of the Fair and of the helpfulness of officials and workers of all ranks. A senior official of the Fair stated that the Fair authorities particularly wished to attract British exhibitors to Brno as they attached special importance to trade with Britain. Certainly they had done their best to give British exhibitors good sites in the various Pavilions.

Exhibits at Brno were not organized on the basis of national pavilions but were grouped according to type of product. Within these groups however it was not unusual for exhibitors, especially those from the Communist countries, to cluster together under the name of the country. This arrangement met with general approval as it enabled the serious visitor to examine in a convenient compass the type of goods in which he was interested. For the second year there was a Pavilion of Nations in which national stands were organized by governments concerned with foreign trade. This year there were 45 national stands, including stands from newly independent countries such as Algeria and Tanganyika. The British stand was organized by the Board of Trade and was staffed by members of the Board of Trade, the Czechoslovak Section of the London Chamber of Commerce and the Birmingham Engineering Centre.

Last year there were 1,354,000 visitors to the Brno Fair during the fortnight that it was open. This number included 25,481 foreign businessmen from 71 different countries. The Fair was also visited by 402 journalists from 32 foreign countries. It is expected that there will be some increase in these figures this year.

Norway Sees Range of British Goods and Services

'GATEWAY TO BRITAIN WEEKS', which ended in Bergen and Stavanger on September 30, have brought to the west coast of Norway not only a wide selection of British goods in the shops and exhibitions, but also a distinctive atmosphere compounded of 'bobbies' and double-decked buses, dart boards and fish and chips, morris dancers and archers, English books, pictures and music; frigates of the Royal Navy, and the bands of the Royal Marines and the Green Howards.

The Weeks reciprocated a 'Norway Week' staged last year in several towns of North East England, and they were organized by a Conference in Newcastle under the chairmanship of Mr. S. A. Sadler Forster. The Weeks were supported by the Board of Trade, in the interest of export promotion, and were visited by Mr. Alan Green, Minister of State, Board of Trade, and Mr. Neil Marten, Parliamentary Private Secretary to the President of the Board of Trade, Mr. Frederick Erroll.

H.M. King Olav of Norway presided over initial ceremonies, when tributes were paid to the help given by committees of leading Norwegian citizens of Bergen and Stavanger who corresponded with the Conference in Newcastle. Among others who took part were the Norwegian Minister of Church Affairs and Education, the Norwegian Ambassador in London, H.M. Ambassador in Oslo, and a large contingent of civic leaders from North East England.

Trade exhibitions in both Bergen and Stavanger exemplified a wide range of British goods and services, from shipbuilding to confectionery, and provided the setting for talks and displays about such matters as town planning, police work, and automation on the farm. A brisk flow of visitors, including organized parties from the schools, showed special interest in the latest cars which were demonstrated by the Norwegian agents of British manufacturers. The streets were decorated with Union Jacks, and a great number of shops featured consumer goods from Britain in a rich setting of gilded symbols, models in characteristic uniforms, and photographic enlargements. From Bergen's biggest department store the chimes of Big Ben, recorded on tape, reverberated if anything a little larger than life. At another department store Mr. Neil Marten opened a display provided by the Council of Industrial Design, and later in the day he addressed a large audience of business men at a conference held to discuss mutual trade. Documentary films about Britain and her industries were shown throughout the Weeks.

Lectures on various aspects of British life and culture were well attended, and there were several sporting and athletic contests. Performances were given by the Western Theatre ballet, and Mr. Clarence Raybould conducted a Bergen orchestra in a concert of English music. The British Council sent a photographic display about the new Coventry Cathedral, and there were exhibitions of paintings. On the final day the Bishop of Durham preached in Stavanger Cathedral.

The Weeks have served to underline a community of interest between the two countries and especially between the thriving west coast of Norway and those places on Tyne and Tees which constitute their 'Gateway to Britain'. From a trade point of view there was an evident demand in the stores for a variety of consumer goods hitherto unfamiliar, and many of those who took part in the trade exhibitions were prepared to say they had made useful contacts. The atmosphere has been one of extreme cordiality, and the outstanding impression of this British Week is of an effort where the Norwegian hosts would at no point allow their own contribution to the success of the occasion to be outmatched by the British sponsors.

Milan Automation and Instrumentation Fair

THE 7th Congress and Exhibition of Automation and Instrumentation will take place in Milan from November 22-27. This year's event will be the first at which direct international participation will be allowed. More than 25,000 visitors are expected to visit the exhibition.

The Scientific Instrument Manufacturers' Association, in collaboration with the Board of Trade, will mount an impressive display at this exhibition: over 30 members of the Association will display their products in a group stand covering more than 6,000 square feet, and the Association will man an inquiry counter to answer trade inquiries about the industry. Further information can be obtained from the Board of Trade, Export Publicity and Fairs Branch, Horse Guards Avenue, London, S.W.1. (Telephone: Trafalgar 8855, Ext. 3096.)

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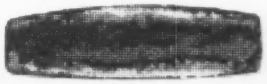

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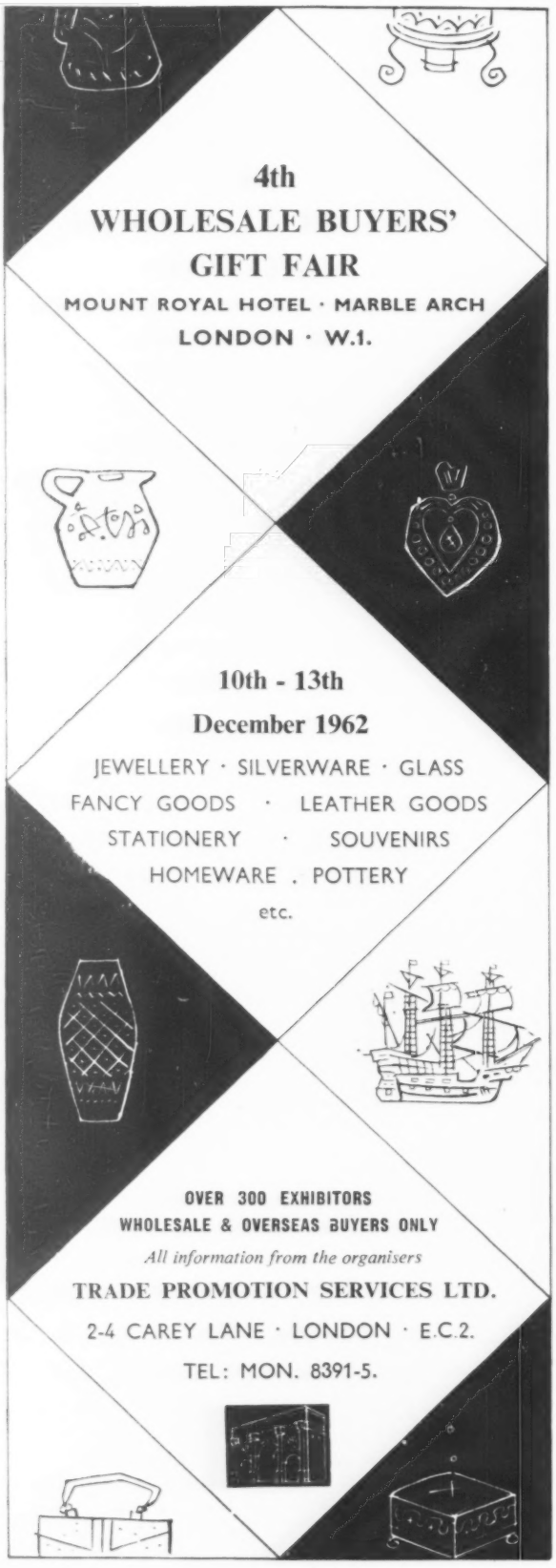

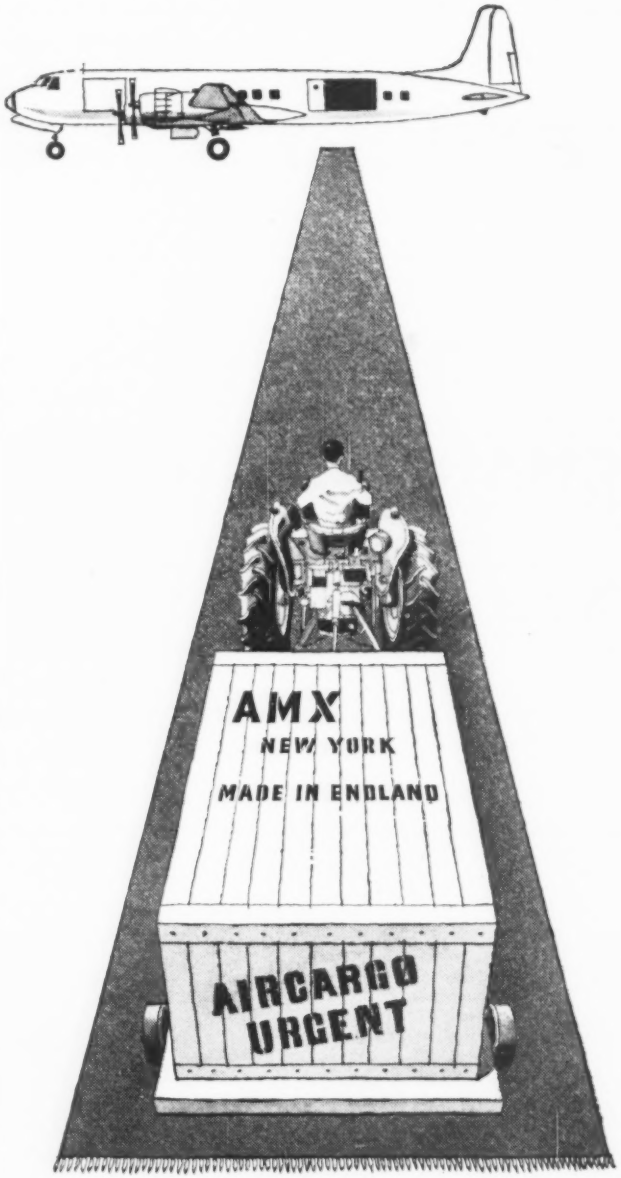

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Birmingham: 25/27 Smallbrook. MID 8751

Trade Fairs and Exhibitions Outside Europe

1962 — General

SEATTLE: WORLD FAIR – April 21-October 21.
Apply, The Director, Century 21 Exposition Inc., Exposition Buildings, Seattle, 9.

KARACHI: PAKISTAN INTERNATIONAL FAIR – October 12-November 27.
Apply, The Organizer, Pakistan International Fair, National Small Industries Corporation, PR – 1/29 Randal Road, Karachi 3.

MONTREAL: 6TH INTERNATIONAL TRADE FAIR – October 26-November 4.
* At Show Mart. Apply, Montreal International Trade Fair, 1700 rue Berri Street, Montreal, P.Q.

LAGOS: NIGERIA INTERNATIONAL TRADE FAIR – October 27-November 18.
Apply, Federal Ministry of Commerce and Industry, Lagos, Nigeria.

1962 — Specialized

Automation

NEW YORK: INSTRUMENT SOCIETY OF AMERICA INSTRUMENT-AUTOMATION CONFERENCE AND EXHIBIT – October 15-19.
* At the Coliseum. Apply, Instrument Society of America, Penn-Sheraton Hotel, 530 William Penn Place, Pittsburgh 19, Pennsylvania.

Building

CHICAGO: NATIONAL ASSOCIATION OF HOME BUILDERS ANNUAL CONVENTION AND EXPOSITION – December 12-16, 1962.
* At McCormick Place. Apply, Mr. Paul S. Van Auken, 140 South Dearborn Street, Chicago 3, Illinois.

Electrical, Radio, Television, Electronics

CHICAGO: 18TH ANNUAL NATIONAL ELECTRONICS CONFERENCE AND EXHIBITION – October 8-10.
* At McCormick Place. Apply, National Electronics Conference Inc., 228 N. LaSalle Street, Chicago 1, Illinois.

CHICAGO: 92ND CONVENTION AND EXHIBITION OF THE SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS – October 21-26.
* At the Drake Hotel. Apply, Society of Motion Picture and Television Engineers, 55 West 42nd Street, New York 36.

Engineering, Machinery, Machine Tools

OSAKA: JAPAN INTERNATIONAL MACHINE TOOL FAIR – October 10-21.
Apply, The Secretariat, Osaka International Trade Fair Commission, Honmachi-Basbi, Higasbi-Ku, Osaka, Japan.

SAN FRANCISCO: ANNUAL CONVENTION AND EXHIBITION OF THE NATIONAL AUTOMATIC MERCHANDISING ASSOCIATION – October 13-16.
* Apply, National Automatic Merchandising Association, 7 South Dearborn Street, Chicago, 3, Illinois.

Hotel, Restaurant, Catering and Foodstuffs

NEW YORK: NATIONAL HOTEL EXPOSITION – November 12-16.
* Apply, Mr. W. K. Seeley, General Manager, National Hotel Exposition, 141, West 51st Street, New York City.

Medical

TORONTO: 38TH ANNUAL CONVENTION AND EXHIBITION OF THE ONTARIO HOSPITAL ASSOCIATION — October 29-31.
* At Royal York Hotel. Apply, Mr. G. S. Roberts, Director of Public Relations, Ontario Hospital Association, 24 Ferrand Drive, Toronto (Don Mills).

Music

NEW YORK: HIGH FIDILITY AND MUSIC SHOW – October 1-7.
* Apply, Institute of High Fidelity Manufacturers Inc., 125 East 23rd Street, New York 10 N.Y.

Nuclear Energy

WASHINGTON, D.C.: ATOM FAIR – November 26-29.
* At Exhibition Hall, Shoreham Hotel. Apply, Exhibit Department, Atomic Industrial Forum Inc., 850 Third Avenue, New York, 22, N.Y.

Office Equipment, Stationery and Business Efficiency

MONTREAL: NATIONAL OFFICE MANAGEMENT ASSOCIATION EXHIBITION (MONTREAL CHAPTER) – October 21-27.
* At Queen Elizabeth Hotel. Apply, National Office Management Association, Headquarters, Willow Grove, Pennsylvania.

Packaging

TORONTO: 11TH CANADIAN NATIONAL PACKAGING EXPOSITION – November 6-8.
* At Automotive Building, Exposition Park. Apply, Packaging Association of Canada, 1835 Yonge Street, Toronto, Ontario 7, Canada.

1963 — General

TRIPOLI: INTERNATIONAL INDUSTRIAL COMMERCIAL AND AGRICULTURAL FAIR – February 20-March 20.
* Apply, Dr. Ali El Jazairi, Director of the Tripoli Fair, Tripoli, Libya.

MELBOURNE: INTERNATIONAL TRADE FAIR – February 27-March 16.
Organizers, Melbourne Chamber of Commerce, 422 Collins Street, Melbourne, Australia. For British Section apply to Board of Trade, Export Publicity and Fairs Branch, Horse Guards Avenue, London, S.W.1. (Tel.: Trafalgar 8855 Ext. 2179.)

ADELAIDE: ROYAL ADELAIDE EXHIBITION – March 28-April 27.
Apply, The Secretary, South Australian Chamber of Manufacturers Inc., 12 Pirie Street, Adelaide, South Australia.

JOHANNESBURG: RAND EASTER SHOW – April 2-15.
* At Milner Park. Apply, Witwatersrand Agricultural Society, P.O. Box 4344, Johannesburg.

TOKYO: 5TH INTERNATIONAL TRADE FAIR – April 16-May 6.
† Apply Tokyo International Trade Fair Management Office C.P.O. Box 1201, Tokyo, Japan.

SYDNEY: INTERNATIONAL TRADE FAIR – July 26-August 10.
† At R.A.S. Showground, Sydney, New South Wales, Australia. U.K. Agents: Industrial & Trade Fairs Ltd., Commonwealth House, 1-19 New Oxford Street, London, W.C.1. (Tel.: Chancery 9011.)

TAMATAVE: FOIRE INTERNATIONALE DE TAMATAVE 1963 – August 31-September 22.
Apply, Commissariat General de la Foire International de Tamatave 1963 B.P. No. 868 Tananarive (Republique Malgache) Madagascar.

LIMA: PACIFIC INTERNATIONAL TRADE FAIR – October 12-27.
† Apply, Pacific International Trade Fair, P.O. Box 4900, Lima, Peru.

1963 — Specialized

Automation

PHILADELPHIA: 5TH INTERNATIONAL AUTOMATION CONGRESS AND EXPOSITION – November 19-21.
* At the Sheraton Hotel. Apply, International Automation Congress & Exposition, Richard Rimbach Associates Management, 933 Ridge Avenue, Pittsburgh 12, Pennsylvania.

Boats

LOS ANGELES: ANNUAL BOAT SHOW – January 18-27.
* At Pan Pacific Auditorium. Apply, Southern California Marine Association, 630 South Kenmore Avenue, Los Angeles 5.

TORONTO: CANADIAN BOAT SHOW – February 1-9.
* At Automotive Building Exhibition Park. Apply, Canadian Boat Show, c/o Canadian National Sportsman's Show, 85 King Street East, Toronto 1, Ontario.

WASHINGTON D.C.: BOAT AND MARINE SHOW – February 16-24.
† At the Coliseum. Apply, International Chemical Exposition Co., National Guard Armory, Washington D.C.

BALTIMORE, MARYLAND: 9TH CHESAPEAKE BAY BOAT SHOW – February 27-March 4.
* At 5th Regiment Armory. Apply, William E. Ames, Exhibitors Inc. Baltimore Office, 1106 Cathedral Street, Baltimore 1, Maryland.

MINNEAPOLIS: NORTHWEST BOAT, SPORTS AND TRAVEL SHOW – March 29-April 7.
* At the Auditorium. Apply, General Shows Inc., 409 Times Building, Minneapolis 1, Minnesota.

Chemicals

NEW YORK: CHEMICAL INDUSTRIES EXPOSITION – December 2-6.
† At the Coliseum. Apply, International Chemical Exposition Co., 480 Lexington Avenue, New York 17, N.Y.

Electrical (Including Electronics)

CHICAGO: ELECTRONIC PARTS DISTRIBUTORS SHOW – May 20-22.
* At Conrad Hilton Hotel. Apply, Electronic Industry Show Corporation, 11 S. La Salle Street, Chicago.

Engineering, Machinery, Machine Tools

CHICAGO: NATIONAL PLANT ENGINEERING AND MAINTENANCE SHOW – January 28-31.
* At McCormick Place. Apply, Clapp & Poliak Inc., 341 Madison Avenue, New York 17, N.Y.

NEW YORK: INTERNATIONAL HEATING AND AIR CONDITIONING EXPOSITION – February 11-14.
† At the Coliseum. Apply, International Exposition Co. 480 Lexington Avenue, New York 17, N.Y.

(*Continued on next page*)

Trade Fairs and Exhibitions Outside Europe (*Continued*)

LOS ANGELES: NATIONAL METAL CONGRESS AND EXPOSITION – March 17-23.
† At Pan Pacific Auditorium. Apply, American Society for Metals, Metal Park Novelty, Ohio.

CHICAGO: THE 1963 ASTME ENGINEERING AND TOOL EXPOSITION – April 29-May 3.
* At the International Amphitheatre. Apply, American Society of Tool and Manufacturing Engineers, 10700 Puritan Buildings, Detroit 38, Michigan.

TORONTO: NATIONAL INDUSTRIAL PRODUCTION SHOW OF CANADA – May 6-10.
† At Industry Building and Coliseum East Annex, Exhibition Park. Apply, Maclean-Hunter Publishing Co. Ltd., 481 University Avenue, Toronto, Ontario.

Fancy Goods, Gifts, Toys, Hobbies

WASHINGTON D.C.: GIFT SHOW – January 20-23.
* At Hotel Willard. Apply, Little Brothers Shows Inc., 220 Fifth Avenue, New York 1, New York.

CHICAGO: HOBBY INDUSTRY TRADE SHOW – February 3-7.
* At Sherman Hotel. Apply, Mr. W. L. MacMillan, Hobby Industries Association, 1528 Walnut Street, Philadelphia 2, Pa.

CHICAGO: GIFT SHOW – February 3-9.
* At La Salle Hotel and Palmer House. Apply, Eastern Manufacturers and Importers Exhibit Inc., 220 Fifth Avenue, New York 1, New York.

NEW YORK: GIFT SHOW – February 17-22.
* At Hotel New Yorker and Trade Show Building. Apply, Little Brothers Shows Inc., 220, Fifth Avenue, New York, 1, New York.

BOSTON: GIFT SHOW – March 3-7.
* At Hotel Statler and First Corps Cadet Armory. Apply, Little Brothers Inc., 220 Fifth Avenue, New York 1, New York.

NEW YORK: 13TH INTERNATIONAL TOY AND TRADE FAIR – March 10-15.
* At Hotel Statler Hilton, New York City. Apply, International Trade Shows, 545 Fifth Avenue, New York City.

PHILADELPHIA: GIFT SHOW – March 17-20.
* At Hotel Benjamin Franklin. Apply, Little Brothers Show Inc., 220 Fifth Avenue, New York 1, New York.

Homes, Household Goods and Hardware

ATLANTIC CITY: CHINA AND GLASS SHOW – January 6-11.
* At the Convention Hall. Apply, George Little Management Inc., 220 Fifth Avenue, New York 1, New York.

CHICAGO: INDEPENDENT HOUSEWARE EXHIBIT – January 13-17.
* At Morrison Hotel. Apply, Independent Housewares Exhibit, 8 South Dearborn Street, Chicago, Illinois.

TORONTO: CANADIAN HARDWARE SHOW – February 4-7.
* At the Coliseum, Exhibition Park. Apply, Mr. W. A. Mallatratt, Show Manager, Canadian Retail Hardware Association, 290 Morton Street, Toronto 7, Ontario.

Hotel, Restaurant, Catering and Foodstuffs

TORONTO: CANADIAN RESTAURANT CONVENTION AND EXHIBITION – March 25-28.
At Automotive Building, C.N.E. Park, Toronto. Apply, Canadian Restaurant Association, 60 Avenue Road, Toronto 5, Ontario.

CHICAGO: 26TH ANNUAL SUPERMARKET INSTITUTE CONVENTION AND EXPOSITION – May 5-8.
* At McCormick Place. Super Market Institute Inc., 500 N. Dearborn Street, Chicago 10, Illinois.

Laundry

TORONTO: CANADIAN CLEANERS AND LAUNDERERS ALLIED TRADES ASSOCIATION 2ND INTERNATIONAL TRADE SHOW – June 4-8.
At Industry Building, Exhibition Park. Apply, Canadian Cleaners and Launderers Allied Trades Association, 11 Adelaide Street West, Toronto 1, Ontario.

Packaging

CHICAGO: NATIONAL PACKAGING EXPOSITION – April 21-24.
* At McCormick Place. Apply, Clapp and Poliak Inc., 341 Madison Avenue, New York 17, N.Y.

Radio

NEW YORK: INSTITUTE OF RADIO ENGINEERS' INTERNATIONAL SHOW – March 25-29.
* At the Coliseum. Apply, N. C. Copp Associates, 72 West 45th Street, New York 36, N.Y.

Sport

CHICAGO: NATIONAL SPORTING GOODS ASSOCIATION ANNUAL CONVENTION AND SHOW – January 20-24.
* At Morrison and Palmer Hotels. Apply National Sporting Goods Association, 23 East Jackson Boulevard, Chicago 4, Illinois.

SAN FRANCISCO: NATIONAL SPORTS AND BOAT SHOW – February 1-10.
* At Cow Palace. Apply, National Boat Show, 325 Pacific Avenue, San Francisco 11, California.

MONTREAL: CANADIAN SPORTING GOODS AND CYCLE ASSOCIATION EXHIBITION – February 17-21.
* At Sheraton Mount-Royal Hotel. Apply, Mr. G. Nolet, Canadian Sporting Goods and Bicycle Association, 11580 Poincare Street, Montreal, P.Q.

Stationery

NEW YORK: STATIONERY SHOW – May 19-24.
* At Hotel New Yorker. Apply, George Little Management Inc., 220 Fifth Avenue, New York 1, New York.

1964 — Specialized

Building

TORONTO: CONSTRUCTION AND PUBLIC WORKS SHOW – May 4-7.
At Industry and Coliseum Buildings, Exhibition Park. Apply, Maclean-Hunter Publishing Co. Ltd., 481 University Avenue, Toronto 2.

Chemical

CHICAGO: 12TH NATIONAL CHEMICAL EXPOSITION – September 1-4.
At Conrad Hilton Hotel. Apply, Chicago Section, American Chemical Society, 56 East Randolph Street, Chicago 1, Illinois.

Engineering, Machinery, Machine Tools

CHICAGO: 13TH NATIONAL AIR-CONDITIONING, HEATING AND REFRIGERATION EXHIBITION – January 20-23.
† Apply, Mr. George E. Mills, Show Director, 1346 Connecticut Avenue, N.W., Washington 6 D.C.

Monthly Digest of Statistics

Prepared by the Central Statistical Office in collaboration with the Statistics Division of Government Departments, this digest is designed to provide industrialists and business executives with invaluable statistics relating to the economic situation in the United Kingdom. In contains a regular series of detailed statistics on a wide range of subjects which include the following:

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What price television?

Price to the media man is cost-per-thousand. On the ITV network you can reach 1,000 adults for an average cost of 7/3d (weekdays), 7/9d (Sundays) compared with 12/4d and 14/8d respectively in the national press. Price to the advertiser means value in all its aspects. Television provides greater creative scope, a more receptive audience, and higher recall . . . your appropriation works harder, gets better results. Price to both media man and advertiser means the cost of a definite commodity. Television costs are directly related to audience ratings; you know exactly what you're getting for your money.

For further information on the price aspect of TV advertising, write to Patrick Henry, ATV, 17 Great Cumberland Place, London, W.1, for a reprint of an article—What Price Television?—recently published by ATV.

ATV

Overseas Trade Section

Trade and Financial Arrangements

New Soviet Foreign Trading Corporation

THE BRITISH EMBASSY in Moscow has reported the establishment of a new Soviet Foreign Trading Corporation, V/O Litsenzintorg, to negotiate the sale of Soviet licences to foreign firms, to give technical assistance to foreign firms manufacturing under Soviet licence and to publicize Soviet inventions for which licences are available. The Corporation will also be responsible for purchasing foreign licences.

The address of the new Trading Corporation is:

V/O Litsenzintorg, Smolenskaya Ploshchad 32/34, Moscow G-200. The President is V. A. Salimovsky.

Iran and India

A TRADE agreement between Iran and India was signed at Tehran on August 16, 1962. It will remain in force for a period of one year from that date.

Under the Agreement, India is to export to Iran textiles, food, agricultural and chemical products, engineering, electrical, household and building goods, hardware, rubber and leather manufacturers, and handicraft and cottage industry products.

Among the list of anticipated exports from Iran to India are fruits, carpets and rugs, wool and cotton, hides and skins, and fish and fish products.

The two Governments have also agreed to accord each other reasonable facilities for the holding of trade fairs and exhibitions.

Panama, Costa Rica and Nicaragua

H.M. EMBASSY in San Jose have reported that Instruments of Ratification of the Preferential Trade Agreement between the Republics of Panama, Costa Rica and Nicaragua signed in Panama City on August 2, 1962, were exchanged in San Jose on August 1, 1962. The Agreement, therefore, is now in force for all three signatories. The lists of merchandise which will be subject to free trade or preferential treatment have not yet been prepared.

Previous notices about this Agreement were published in the *Board of Trade Journal* on September 15, 1961, page 580, and July 6, 1962, page 29.

Denmark and Czechoslovakia

THE *Rude Pravo* of September 5 published the following information about a long-term trade agreement between Denmark and Czechoslovakia.

This agreement was signed in Copenhagen on September 3, 1962, and provides for trade relations up to the end of 1965. A protocol on the exchange of goods in 1962 and 1963 was also signed. The volume of goods exchanged will increase by some 17 per cent. Czechoslovakia will export to Denmark mainly machinery, chemical and metallurgical products, textiles, leatherware, glass and ceramics. Denmark will export to Czechoslovakia meat, butter, fish, fish products, machinery and pharmaceutical goods. The agreement also provides for the increased use of Danish merchant ships for the transportation of Czechoslovak goods.

Inquiries about this notice should be addressed to Export Services Branch (Tariff Section), Hillgate House, 35, Old Bailey, E.C.4. Telephone City 5757, Ext. 457. (Ref.: C.R.E. 4345/G).

Denmark and Morocco

IT HAS BEEN announced in the Moroccan Bulletin Officiel No. 2601 of August 31 that the trade agreement between Denmark and Morocco, which was signed in Copenhagen on July 26, 1961, has been renewed for one year for the period July 1, 1962 to June 30, 1963.

There are no changes in the quotas of goods to be exchanged between the two countries.

Inquiries about this notice should be addressed to Export Services Branch (Tariff Section), Hillgate House, 35, Old Bailey, E.C.4. Telephone City 5757, Ext. 457. (Ref.: C.R.E. 8667/57).

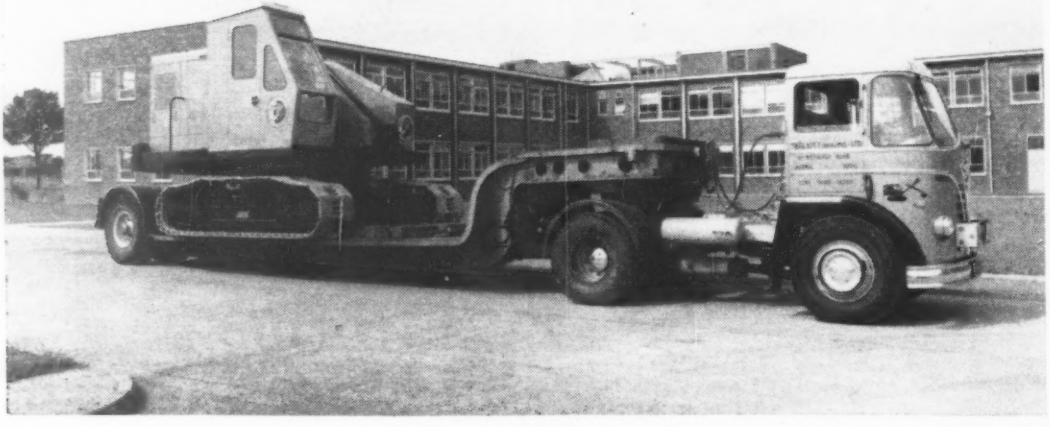
New Postal Service to Liberia

THE General Post Office announce that from October 1 the Small Packet service became available to Liberia. Small packets sent by surface mail will cost 10d. for 10 oz. (minimum charge) and 2d. for each additional 2 oz. up to 2 lb. If sent by air mail the charge is 6d. per ½ oz. (minimum charge 10d.).

Address of British Embassy in Indonesia

THE BRITISH EMBASSY in Djakarta, Indonesia, has recently moved to a new building, the address is now:

British Embassy, Djalan Thamrin 75, Djakarta.



EXCAVATOR FOR ARGENTINA

This Priestman Lion III excavator, with 75 b.h.p. Dorman diesel engine and separate dragshovel equipment, shipped through Knowles & Foster, merchant bankers and Mercator S.A., Buenos Aires on the ss 'Ruysdael' on July 31, is seen here leaving the manufacturers' Hull works. The machine is destined for the Province of Santiago del Estero, Argentina, to be used on excavating duties for an irrigation network.

Information for United Kingdom Exporters

BRIEF DETAILS are given below of overseas inquiries for United Kingdom products, contracts open for tender, reports on commercial conditions abroad, export trade openings, etc., issued recently by the Export Services Branch, Board of Trade, to subscribers to the *Export Service Bulletin*.

The *Bulletin*, published three times a week, with a weekly Supplement, is available to United Kingdom manufacturers and exporters at a subscription of £10 10s. a year. A subscription form can be obtained from the Export Services Branch, Board of Trade, Room E.09, Hillgate House, 35 Old Bailey, London, E.C.4. (City 5757, Ext. 420), (Telex 25977). Copies of particular *Bulletins* containing further details of the items referred to below can be obtained from the same address on prepayment of the sum of 2s. per copy.

Calls for Tender

*Inquiries connected with the calls for tender mentioned below should be addressed to the Export Services Branch, Board of Trade, Hillgate House, 35 Old Bailey, London, E.C.4. (Inquiries by telephone: City 5757, Ext. 406 and 404). Reference numbers should always be quoted. The date given is the closing date for tendering. It refers to the current year unless otherwise indicated. Tender documents are available for loan in those cases marked with an asterisk *.*

ARGENTINA

Steel Plates for Secretaria de Aeronautica (Dinfia). October 15. E.S.B. 30224/62.

AUSTRALIA

Transformers for The Mackay Regional Electricity Board. October 22. E.S.B. 30227/62.*
Construction of Police Headquarters in Adelaide. November 13. E.S.B. 30290/62.
Mercury Arc Rectifier Equipment for The Southern Electric Authority of Queensland. December 6. E.S.B. 30212/62.*

Brisbane City Council:
Busbar Trunking. November 9. E.S.B. 30225/62.*
Transformers. (Further Information.) October 19. E.S.B. 28307/62.*

Commonwealth Stores Supply and Tender Board:
Paper. (Further Information.) E.S.B. 27999/62.*
Printing Machinery. October 18. E.S.B. 30223/62.*
Telegraph Reperforator Tape and Paper. November 13. E.S.B. 30226/62.*

BURMA

Canvas for Ministry of Defence. October 15. E.S.B. 30094/62.*
Textile Machinery and Equipment for Textile Mills Management Committee. October 20. E.S.B. 30242/62.*

Union of Burma Purchase Board:
Cement Paper Bags. October 15. E.S.B. 30047/62.*
Emery Powder. October 17. E.S.B. 30232/62.*
Brushes. October 17. E.S.B. 30235/62.*
Crow Bars. October 16. E.S.B. 30236/62.*
Pitch. October 16. E.S.B. 30237/62.*
Carbon Spring Steel. October 16. E.S.B. 30238/62.*
Yarn. October 16. E.S.B. 30239/62.*
Rope. October 16. E.S.B. 30240/62.*
Twist Drills and Spanners. October 15. E.S.B. 30051/62.*
Paint. October 18. E.S.B. 30228/62.*
Stereoscopes. October 15. E.S.B. 30048/62.*
Grinding Wheels. October 18. E.S.B. 30229/62.*
Pipes and Sockets. October 18. E.S.B. 30230/62.*
Metals; Propellers. October 17. E.S.B. 30231/62.*
Signal Lamps. October 17. E.S.B. 30233/62.*
Belting. October 17. E.S.B. 30234/62.*
Packing Material. October 15. E.S.B. 30049/62.*
Steel Bars and Plates. October 15. E.S.B. 30050/62.*

BURUNDI

Insecticide Powder for L'Office des Cafes du Ruanda-Burundi. November 8. E.S.B. 30060/62.*

CANADA

Alberta Government Purchasing Agency:
Cyclo-Mixers; Autoclaves. October 22. E.S.B. 30269/62.*
Hospital Equipment. October 22. E.S.B. 30370/62.*
Laboratory Equipment. October 16. E.S.B. 30271/62.*
Laboratory Equipment. October 16. E.S.B. 30272/62.*
Laboratory Equipment and Materials. October 16. E.S.B. 30273/62.*
Laboratory Equipment. October 16. E.S.B. 30274/62.*

CEYLON

Drug Processing Machinery for National Small Industries Corporation. Closing date postponed to October 28. E.S.B. 23549/62.
Tyres and Tubes for Ceylon Transport Board. October 31. E.S.B. 30287/62.*
Dyes and Chemicals for Ministry of Industries. November 2. E.S.B. 28751/62.*
Paper for Tender Board, Ministry of Finance. November 27. E.S.B. 30085/62.*

Ministry of Health:
Van. November 13. E.S.B. 30284/62.*
Chlorhexidine and Cetrinide Solution. Tender documents now available. E.S.B. 29151/62.*

Ministry of Agriculture, Land, Irrigation and Power:
Erection of Transformer Sub-station. December 11. E.S.B. 30285/62.*
Transformers. November 27. E.S.B. 30082/62.*

COLOMBIA

Empresa Colombiana De Aerodromos:
Complete Construction of Airport (Cali.) October 15. E.S.B. 30008/62.
Completion of Airport. October 15. E.S.B. 30007/62.

ECUADOR

Transmitter-Receiver Station for Autoridad Portuaria de Guayaquil. October 30. E.S.B. 30090/62.*

EGYPT

Electrifications of Railway Signalling System for Egyptian Railways. (Further Information.) Closing date now November 1. E.S.B. 11720/62.
Gas Turbine Power Station and Distillation Plant for Compagnie Orientale Des Petroles d'Egypt, S.A.E. Closing date postponed to November 30. E.S.B. 27257/62.

Cairo Public Transport Authority:
Transformer Rectifiers. (Further Information.) Closing date now October 15. E.S.B. 22920/62.*
Circuit Breakers. (Further Information.) Closing date now October 25. E.S.B. 24952/62.

General Organisation for executing the Five Year Industrial Plan:
Refrigeration Plant. (Further Information.) Tender documents now available. E.S.B. 19737/62.*
Castor Oil Mill. (Further Information.) Tender documents now received. E.S.B. 17697/62.*

FORMOSA

Central Trust of China:
Press Board. October 16. E.S.B. 30041/62.*
Bullwheel Cable Puller. October 17. E.S.B. 30036/62.*
Paper. October 15. E.S.B. 30039/62.*
Porcelain Bushing and Insulators. October 23. E.S.B. 30547/62.*
Transformers; Lifting Beam and Sling. October 29. E.S.B. 30545/62.*

(*Continued on next page*)

THE
LIVERPOOL WAREHOUSING
CO. LTD.
STORAGE AND TRANSPORT
CENTRAL 6611 (20 lines) THE OLD HALL, LIVERPOOL 3. TELEX 62472
MANCHESTER
TRAFFORD PARK ROAD
TRAFFORD PARK 4757/8 & 0320
AND AT
LONDON
62/64, RIVER ROAD, BARKING, ESSEX
RIPPLEWAY 1156 (5 lines) TELEX 21525
BIRMINGHAM
912/4 KINGSBURY ROAD, ERDINGTON.
ERDINGTON 7321/3.

Information for U.K. Exporters (*Continued*)

GERMANY (FEDERAL REPUBLIC)

N.A.T.O. Infrastructure Contracts for the German Authorities:

Road, Concrete and Agricultural Engineering and Sewerage, November 19. GD 95/62/2. (221.)

Road and Concrete Construction Sewerage and Building Construction. November 19. GD 95/62/2. (220.)

GREECE

Ministry of Trade:

Transmission Equipment (Telephone). November 5. E.S.B. 30053/62.*
Refrigerators. October 29. E.S.B. 30055/62.*
Physics Instruments. November 6. E.S.B. 30057/62.*

INDIA

Pumps for The Singareni Collieries Co. Ltd. Tender documents now available. E.S.B. 29472/62.*

Wheel Lathe for Director General of Supplies and Disposals. Closing date postponed to November 20. E.S.B. 27701/62.

Switches for The Superintending Engineer Technical (Electrical). Closing date postponed to October 20. E.S.B. 25202/62.*

Aerial Ropeway Equipment for J. and K. Minerals Ltd. Closing date postponed to November 30. E.S.B. 3181/62.*

Switchgear for Madras Port Trust. November 27. E.S.B. 30275/62.*

Power Line Carrier Equipment for U.P. State Electricity Board. Closing date postponed to November 9. E.S.B. 26216/62.

Road Construction Projects for National Highway Circle, Bombay. Closing date postponed to October 16. E.S.B. 27233/62.

Spillway Radial Gates for Sharavathi Valley Project. October 15. E.S.B. 30086/62.*

Slip Ring Induction Motors for National Coal Development Corp. Ltd. Closing date postponed to October 29. E.S.B. 27499/62.

Transmission Line Materials for Assam State Electricity Board. (Further Information.) Postponed to October 15. E.S.B. 24320/62.

Swing Tray Chain Conveyor; Electric Case Elevators; Gravity Spiral Chutes for the Port of Calcutta. November 9. E.S.B. 30089/62.

Submission of Project Report for Town Gas Supply for Bombay Municipal Corporation. November 14. E.S.B. 12061/62.*

Guvarat Electricity Board:

Magnetic Separators. October 31. E.S.B. 30291/62.
Pumps. Tender documents now available. E.S.B. 29695/62.*

Government of Andhra Pradesh:

Turbo-Generator Units and Auxiliary Equipment. (Further Information.) E.S.B. 27418/62.
Distilled Water Plant. October 18. E.S.B. 30088/62.*
Boiler Plant and Accessories. (Further Information.) E.S.B. 26288/62.

Atomic Energy Establishment, Trombay:

Foil; Wire-Tantalum Foil; Wire. October 22. E.S.B. 30066/62.
Garden Tractor. October 30. E.S.B. 30065/62.
Laboratory Equipment. October 30. E.S.B. 30064/62.
Constructional Project. October 31. E.S.B. 30276/62.

Hindustan Steel Limited:

Casting Machinery. (Further Information.) Tender documents now received. E.S.B. 29632/62.*
Expansion of Existing Power Plant. (Further Information.) Tender documents now received. E.S.B. 29631/62.*
Earth Moving Machinery. November 13. E.S.B. 30071/62.
Rolling Stock. (Further Information.) Tender documents now received. E.S.B. 29622/62.*
Electrical Repair Shop. (Further Information.) Tender documents now received. E.S.B. 29630/62.*
Ladle Cleaning Equipment. (Further Information.) Tender documents now received. E.S.B. 29633/62.*

IRAN

Crucibles for Imperial Iranian Army. October 20. E.S.B. 30022/62.*

Ministry of P.T.T. (Procurement Department):

Transmitters. October 17. E.S.B. 30534/62.*
Valves. October 22. E.S.B. 30533/62.*

IRAQ

Pumping Set for Government Oil Refineries Administration. November 10. E.S.B. 30517/62.

Lead-Acid Batteries for Iraqi Ports Administration. November 1. E.S.B. 30509/62.

Canning Factory Materials for Canning Factory at Kerbela. October 15. E.S.B. 30518/62.

Studio Sound and Ancillary Equipment for Ministry of Finance. December 16. E.S.B. 30508/62.

Ministry of Health:

X-Ray Units. December 16. E.S.B. 30506/62.
Physiotherapy Unit. November 18. E.S.B. 30507/62.

Directorate of Contract and Purchase:

Aluminium Water Bottles and Mess Tins. October 22. E.S.B. 30025/62.
Portable Charging Sets. October 17. E.S.B. 30026/62.*

Ministry of Municipalities:

Transformer Accessories. November 10. E.S.B. 30514/62.
Tractors and Refuse Collector Wagons. November 10. E.S.B. 30520/62.
Rolled Steel. November 10. E.S.B. 30523/62.

Ministry of Defence:

Aluminium Water Bottles and Mess Tins. (Further Information.) Tender documents now received. E.S.B. 30025/62.*
Line Materials. Novemberf 5. E.S.B. 30031/62.*
Goggles; Gloves. November 5. E.S.B. 30028/62.*
Helmets. November 5. E.S.B. 30030/62.*
Kitchen Equipment. October 31. E.S.B. 30032/62.*
Cinematograph Projector. October 24. E.S.B. 30513/62.*

IRISH REPUBLIC

Pumping and Chlorination Equipment for Monaghan County Council. October 20. E.S.B. 30207/62.

ITALY

N.A.T.O. Infrastructure Contract.

Supply and Installation of a Test Switching Panel for the Italian Authorities. Apply by October 15. GD 96/62(187).

KENYA

Transistor Radio Sets for Department of Works and Communications. October 16. E.S.B. 30211/62.*

KOREA

Dyeing and Textile Machinery for Office of Supply. October 25. E.S.B. 30201/62/D.L.F.*

KUWAIT

Library Furniture for Ministry of Education. October 22. E.S.B. 30100/62.
Steel Products for Kuwait Oil Co. Ltd. October 21. E.S.B. 30043/62.*

Ministry of Electricity and Water:

Buckets; Padlocks; Tarpaulins. November 4. E.S.B. 30503/62.*
Insulating Materials. October 31. E.S.B. 30504/62.*

MALAYA

Duplicating Paper for Government Printing Department. November 20. E.S.B. 30208/62.

Electrical Equipment; Pumping Equipment; Pressure Filters for Director of Public Works. October 16. E.S.B. 30216/62.

NEW ZEALAND

Paper for Government Printing Office. October 26. E.S.B. 30204/62.*
Towels for General Post Office (Stores Division.) November 12. E.S.B. 30202/62.*

PAKISTAN

Ventilating Shaft for Directorate of Purchase, Capital Development Authority. October 16. E.S.B. 30241/62.

Medical Supplies for Directorate General, Inxestment, Promation and Supplies October 29. E.S.B. 30068/62.

Government of Pakistan (Investment, Promotion and Supplies):

Medical Supplies. October 22. E.S.B. 30067/62.
Medical Supplies. November 5. E.S.B. 30069/62.

Pakistan Telegraph and Telephone Department:

Cable. November 5. E.S.B. 30296/62.
Cables. November 7. E.S.B. 30297/62.
Drop Wire. October 31. E.S.B. 30295/62.
Cables. October 30. E.S.B. 30294/62.

Director of Supply:

Drugs and Medicines. October 22. E.S.B. 30298/62.*
Keyboard Paper Spools. October 18. E.S.B. 30299/62.*
Hospital Equipment. October 17. E.S.B. 29651/62.*
Metal Furniture. October 18. E.S.B. 30530/62.*

PHILIPPINES

Construction of Dam, Dykes, Spillway Etc. for National Power Corporation. November 15. E.S.B. 30551/62.*

PORTUGUESE WEST AFRICA

Water Meters for Municipal Council of Nova Lisboa. October 19. E.S.B. 30215/62.
Motor Heads and Accessories for Ports, Railway and Transport Department. November 6. E.S.B. 30214/62.*

RHODESIA AND NYASALAND

Federal Tender Board:

Sodium Aminosalicylate Tablets. October 19. E.S.B. 30220/62.*
Stainless Steel Holloware. October 26. E.S.B. 30219/62.*

Electrical Engineer's Department, Bulawayo:

Traffic Control Signals. October 17. E.S.B. 29648/62.*
Street Lighting Equipment. October 17. E.S.B. 29649/62.*

SINGAPORE

Singapore City Council:

Steel Pipes. October 16. E.S.B. 30529/62.
Cables. October 16. E.S.B. 30528/62.
Water Cooling Towers. October 23. E.S.B. 30525/62.
Copper Tubes. November 6. E.S.B. 30210/62.*
Sluice Valves. November 6. E.S.B. 30209/62.*

SOUTH AFRICA

Mobile Crane and Accessories for South African Railways. October 26. E.S.B. 30097/62.*

Laboratory Apparatus for State Tender Board, Pretoria. October 29. E.S.B. 30205/62.*

Electric Cable for City Treasurer's Department, Johannesburg. October 16. E.S.B. 30260/62.*

Pretoria City Council:

Transformers. October 18. E.S.B. 30098/62.*
Tanker. October 23. E.S.B. 30099/62.*

Transvaal Provincial Tender Board:

Electro Cardiograph Machines. October 26. E.S.B. 30247/62.*
Respirators. October 26. E.S.B. 30246/62.*
Electro-Surgical Equipment (Diathermy). October 26. E.S.B. 30250/62.*

(*Continued on page* 721)

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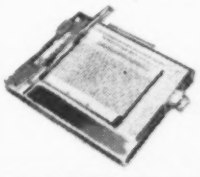

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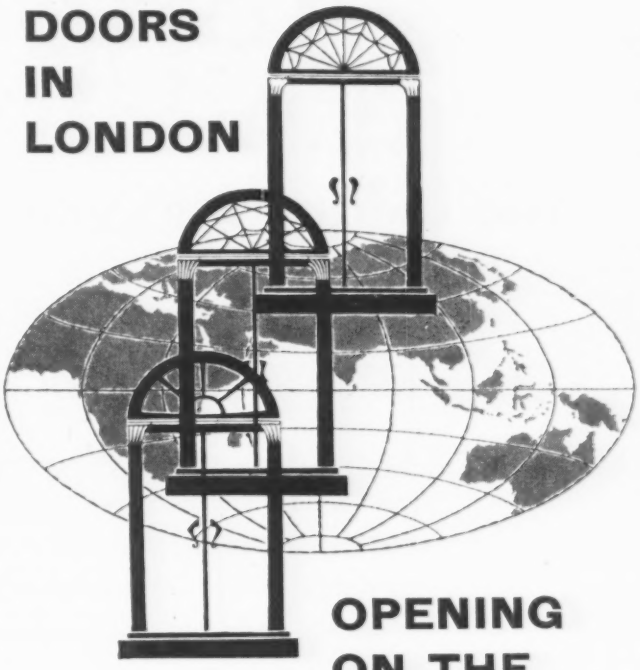

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INCIRLIK AIR BASE BUILDINGS, TURKEY
RIGGWELTS COTTON MILL, MALTA
POLYTECHNIC COLLEGE, SINGAPORE
PASURAN MILLS, SURABAYA, INDONESIA
BANDUNG MILL, DJAKATA, INDONESIA
FAIRAH BAY COLLEGE, SIERRA LEONE
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Information for U.K. Exporters (*Continued*)

SUDAN

Motor Graders for Ministry of Works (Roads Section). November 3. E.S.B. 30253/62.*
Traffic Signals for Khartoum Municipal Council. November 5. E.S.B. 30252/62.*

Dept. for Land and Rural Water Development:
Block Making Machines. October 29. E.S.B. 30255/62.
Carbon Dioxide Welder. October 31. E.S.B. 30254/62.

Sudan Railways (Stores Department):
Bearing Metal. October 25. E.S.B. 30256/62.*
Carpeting. November 1. E.S.B. 30257/62.
Rice. October 24. E.S.B. 30258/62.
Flour. October 23. E.S.B. 30259/62.

THAILAND

Copper Sheet for State Railways of Thailand. October 16. E.S.B. 30009/62.
Cable; Tie Wire for Metropolitan Electricity Authority. October 29. E.S.B. 30084/62/D.L.F.*

Provincial Electricity Authority:
Switchgear. October 25. E.S.B. 30010/62.
Electrical Equipment. October 19. E.S.B. 30072/62.*
Lightning Arresters. October 16. E.S.B. 30076/62.

TURKEY

Mechanics Hand Tools: Puller Set for Bayindirlik Bakanligi. October 22. E.S.B. 30521/62.*

N.A.T.O. Infrastructure Contract.
Installation of a minimum of 60 Telephone Channel Capacity, Frequency Modulated Radio-Link System for Turkish Authority. October 25. GD 157/60(46).

UNITED STATES OF AMERICA

Bureau of Reclamation:
Turbine. (Further Information.) Closing date now October 16. E.S.B. 27229/62.*
Passenger Elevators. October 25. E.S.B. 30249/62.*

U.S. Corps of Engineers:
Control Switchboards; Motor Generators; Carrier Current Equipment. Closing date not known. E.S.B. 30251/62.
Switchgear; Generator Equipment. Tender documents now available. E.S.B. 29638/62.*

Agency and Export Opportunities, Market Surveys, Etc.

Further details of the items referred to below are contained in recent issues of the Export Service Bulletin, or Supplement, copies of which can be obtained from the Export Services Branch, Board of Trade, Hillgate House 35 Old Bailey, London, E.C.4, (inquiries by telephone City 5757, Ext. 427,) on prepayment of the sum of 2s. per copy. The reference number should be quoted in all inquiries.

All Countries
Successful bidders for overseas contracts. (E.S.B. 6499/62.)

Argentina
Inquiry in respect of mining project. (E.S.B. 29263/62.)

Australia
Inquiry for reinforced hose (E.S.B. 28814/62.)
Water supply project. (E.S.B. 30158/62.)

Austria
Economic report – August 1962. (C.R.E. 3756/62.)

Canada
Agency inquiry for confectionery. (E.S.B. 30135/62.)
Agency inquiry for steel. (E.S.B. 29254/62.)
Agency inquiry for sporting guns; pistols; ammunition. (E.S.B. 29932/62.)
Agency inquiry for camping accessories; outboard motors; dinghies; metal toys. (E.S.B. 29894/62.)
Agency inquiry for foodstuffs. (E.S.B. 29954/62.)
Inquiry in respect of electricity generation expansion in Alberta. (E.S.B. 28818/62.)
Inquiry for sewing machine parts and accessories. (E.S.B. 29912/62.)
Inquiry for pipes and fittings. (E.S.B. 29505/62.)

Ceylon
Agency inquiry for builders hardware; tools. (E.S.B. 23774/62.)
Inquiry for textile machinery; second-hand; yarns. (E.S.B. 29715/62.)
Inquiry for machinery and raw materials for electrical accessories; moulds for sealing wax; radio components. (E.S.B. 29245/62.)
Inquiry for toilet powder. (E.S.B. 29777/62.)

Chile
Inquiry in respect of cellulose plant extension. (E.S.B. 29711/62.)

China
Economic report, July 1962. (C.R.E. 492/62.)

Congo Republic (Leopoldville) (including Katanga)
Economic report – August 1962. (C.R.E. 3476/G.)

Denmark
Agency inquiry for textile machinery; tops and wastes; jute yarns and canvas; plastics. (E.S.B. 29863/62.)

Egypt
Inquiry for builders' supplies; sanitary fittings. (E.S.B. 29596/62.)

France
Agency inquiry for materials handling machinery; fork lift trucks. (E.S.B. 29712/62.)
Inquiry for yacht and smallcraft fittings. (E.S.B. 29576/62.)

Germany (Federal Republic of)
Agency inquiry for dust control equipment; earth moving equipment. (E.S.B. 29895/62.)
Agency inquiry for worsted yarns. (E.S.B. 29974/62.)
Agency inquiry for pharmaceutical laboratory equipment. (E.S.B. 29724/62.)
Economic report – September 17-23, 1962. (C.R.E. 1479/G.)

Honduras (Republic of)
Inquiry for medicinal oils. (E.S.B. 29713/62.)

Hong Kong
Market report on sanitary hardware and fittings. (E.S.B. 24859/62.)

India
Inquiry for tools, hand and machine; testing equipment; electrical and electronic equipment; cranes; etc. – further information. (E.S.B. 23218/62.)

Iran
Inquiry for pipes; mild steel reinforcing bars. (E.S.B. 25903/62.)

Israel
Economic report, August, 1962. (C.R.E. 3000/G3.)

Italy
Inquiry for hydraulic presses. (E.S.B. 30117/62.)
Manufacture under licence for machinery and plant for the extraction of medicinal elements. (E.S.B. 26602/62.)

Ivory Coast
Economic report – 1961. (C.R.E. 9906/62.)

Jamaica
Inquiry in respect of mining project. (E.S.B. 29592/62.)

Kenya
Inquiry for pipes and fittings; electrical conduit and fittings. (E.S.B. 19141/62.)

Korea
Regulation requiring registration of firms bidding for OSROK invitations. (E.S.B 252/G.)

Kuwait
Agency inquiry for boats. (E.S.B. 29959/62.)
Agency inquiry for telecommunications equipment and accessories. (E.S.B. 29558/62.)

Lebanon
Agency inquiry for machine tools; leg vices; anvils. (E.S.B. 29079/62.)

Malaya
Agency inquiry for builders hardware; sanitary fittings. (Further Information.) (E.S.B. 29012/62.)

Paraguay
Economic report, January – June 1962. (C.R.E. 10293/60.)

Peru
Inquiry for machinery for fishmeal and stickwater plants. (E.S.B. 29833/62.)
Inquiry for plant and machinery. (E.S.B. 29877/62.)

Philippines Republic
Inquiry for pharmaceuticals. (E.S.B. 29820/62.)
Market report on irrigation pumps. (E.S.B. 17158/62.)

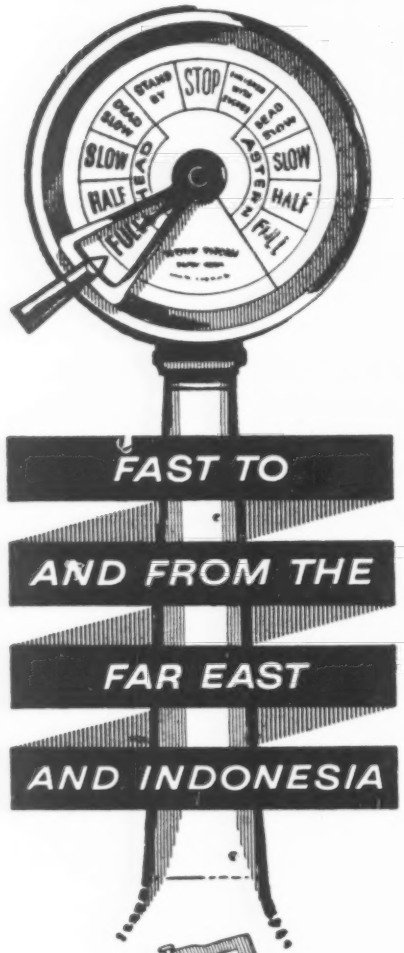
Sierra Leone
Inquiry for machinery for manufacturing soft drinks; bottles; prefabricated building; bottling plant. (E.S.B. 29780/62.)

South Africa
Agency inquiry for textile fabrics; laces; haberdashery. (E.S.B. 28995/62.)
Agency inquiry for textiles; children's clothing; woollen and worsted piece-goods. (E.S.B. 29764/62.)
Manufacture under licence – machinery (Further Information.) (E.S.B. 24548/62.)

Sweden
Agency inquiry for ships supplies; foodstuffs. (E.S.B. 29339/62.)
Agency inquiry for suitings; dress materials. (E.S.B. 29379/62.)
Agency inquiry for industrial valves and instruments. (E.S.B. 29817/62.)
Agency inquiry for hand tools; household and kitchenware; sporting goods. (E.S.B. 29502/62.)
Agency inquiry for yarns. (E.S.B. 29523/62.)
Agency inquiry for plastics raw materials and equipment; paint raw materials; insulated cable. (E.S.B. 29582/62.)
Agency inquiry for car accessories; chemicals; building materials; machinery and plant; iron and steel; man-made fibres. (E.S.B. 29388/62.)
Agency inquiry for hose. (E.S.B. 29352/62.)
Agency inquiry for evaporators. (E.S.B. 29908/62.)
Agency inquiry for industrial labour saving equipment; mechanical handling plant; transport equipment. (E.S.B. 29786/62.)
Agency inquiry for flax and cotton fabrics. (E.S.B. 29338/62.)
Agency inquiry for heating equipment; sanitary goods; iron bars and sheets; agricultural machinery. (E.S.B. 29288/62.)
Agency inquiry for marine equipment; pipe-line fittings for vessels. (E.S.B. 29759/62.)

(*Continued on next page*)

BEN LINE



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Information for U.K. Exporters (*Continued*)

Agency inquiry for industrial apparatus and instruments; signal equipment. (E.S.B. 29501/62.)
Agency inquiry for cork packings. (E.S.B. 29524/62.)
Inquiry for iron and steel. (E.S.B. 29814/62.)
Inquiry for steel. (E.S.B. 29356/62.)
Inquiry for hydraulic compounds. (E.S.B. 29513/62.)
Economic report – August 1962. (C.R.E. 2237/62.)

Switzerland

Agency inquiry for drain cleaning equipment; pumps. (E.S.B. 29821/62.)
Economic report, August 1962. (C.R.E. 2858/60.)

Syria

Agency inquiry for wood-working machinery; metal-working machinery. (E.S.B. 29507/62.)

United States of America

Agency inquiry for suitings. (E.S.B. 30812/61.)
Inquiry for baby shop gift items. (E.S.B. 29862/62.)
Inquiry for art figures and animals. (E.S.B. 29561/62.)
Inquiry for plastics moulds and mouldings. (E.S.B. 29936/62.)
Inquiry for machine saws; industrial stapling equipment. (E.S.B. 12714/61.)
Inquiry for electrical appliance components and materials. (E.S.B. 26986/62.)
Inquiry for rubber aprons. (E.S.B. 29857/62.)
Manufacture under licence – antibiotic sensitivity device. (E.S.B. 25077/62.)

Uruguay

Inquiry for prefabricated houses. (E.S.B. 28983/62.)

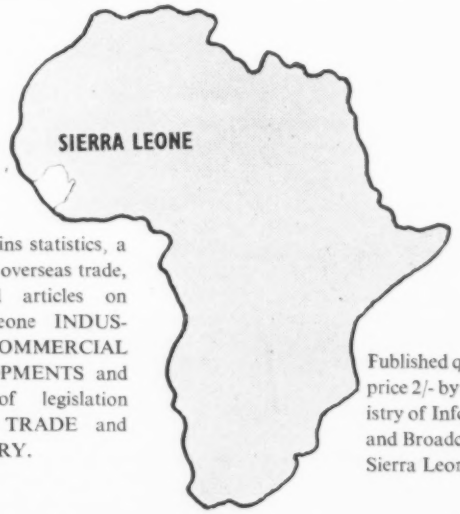
Economic Trends – September 1962

The September issue of *Economic Trends*, published on September 27 (H.M.S.O., price 5s.) contains two articles, one on developments in home financial statistics, the other on estimates of the future working population.

Commerce and Industry in Nigeria

The fifth edition of the 'Handbook of Commerce and Industry in Nigeria', published by the Federal Ministry of Information to coincide with Nigeria's International Trade Fair (October 27-November 18), is a comprehensive guide to Nigeria's administration and economy. It includes hints for visitors and contains a map supplement which shows the location of industries, mineral and agricultural products and rail and road communications. Copies from the Commercial Attaché, Nigeria High Commission, 9, Northumberland Avenue, London, W.C.2. Price 42s. 0d. (post paid), which includes a free amendment service for two years.

Sierra Leone Trade Journal



. . . contains statistics, a survey of overseas trade, illustrated articles on Sierra Leone INDUSTRIES, COMMERCIAL DEVELOPMENTS and details of legislation affecting TRADE and INDUSTRY.

Published quarterly, price 2/- by the Ministry of Information and Broadcasting in Sierra Leone.

Subscription : Crown Agents for Overseas Government and Administration, 4 Millbank, London, S.W.1., or Mr. A. J. E. Davis, the Crown Agents Representative, 3100 Massachusetts Avenue, N.W. Washington.

Advertising : details and specimen copies from Africa & Overseas Press Agency Ltd., 13 New Bridge Street, London, E.C.4.

Tariff, Customs, Import and Other Regulations in Overseas Countries

Registered Trade Mark (rtm) Goods in Overseas Tariff Lists

THE LISTS OF TARIFF, Customs and import regulation changes in overseas countries published in this section of the Journal some times contain words which are registered trade marks in the United Kingdom. So far as is practicable, all lists of goods are checked before publication from this point of view.

Items which fall into this category will now be prefixed by the letters 'r t m'. Readers of the Journal should note that this prefix signifies that the words are registered trade marks in the United Kingdom, but that in the present context they are assumed to refer generally to products of the description stated in brackets.

While every attempt will be made to ensure that the scrutiny is complete, the lists may contain other words which are registered as trade marks in the United Kingdom or in other countries but which it has not been possible to identify.

AUSTRALIA

Revision of Customs By-laws

THE AUSTRALIAN Department of Customs and Excise have announced changes in the By-laws shown below:

New By-laws

The undermentioned goods will be admitted under the following tariff items until further notice.

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
DRUGS, CHEMICALS AND MEDICINES:		
Medicines, viz.:		
1-(3, 5-Dihydroxyphenyl*)-2-isopropylamino-ethanol sulphate	285 (B) (1)	Free
GLASS, float, ¼ inch in thickness in rectangles for use in the manufacture of laminated safety glass or for the manufacture of toughened glass, under security		
HOLDFASTS, bench		
MACHINERY AND APPLIANCES, viz.:		
Electrical:		
Meters:		
Alternating current, watt-hour, two rate, limited power factor type, which register K.V.A.H. and in addition incorporates either or both maximum demand indicators or retransmission contacts	449 (A) (1)	Free
Metal working:		
Speeders, drill		
MUSICAL INSTRUMENT parts and accessories as follows:		
Violin mutes	363 (H) (1)	Free

Amended By-laws

The following By-laws have been amended to apply to the goods as shown:

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
BOARDS, electrical insulating, other than paper base, of a quality or kind which the Minister is satisfied is not being made in Australia, for use in electrical apparatus, under security		
NOTE: The Minister has determined that laminated insulating boards composed of synthetic resin combined with one of the following materials: fabric, asbestos, fibreboards or similar materials, other than such boards having a paper base, are of a quality or kind being made in Australia.		
HAND TOOLS:		
Bits for braces, but not including:		
Auger bits of Scotch or Jennings pattern other than: Solid centre auger bits; Fencing and wagon bits having a twist of not less than 8 inches and an overall length of not less than 12 inches	449 (A) (1)	Free
HEADS:		
Dolls not wigged, for use in the repair of dolls, under security		
LIMBS:		
Dolls, for use in the repair of dolls, under security		
MACHINERY AND APPLIANCES:		
Textile working, not including extra porcelain guides, viz.:		
Backwashing bowls		
MEDALS AND MEDALLIONS:		
Trophies or prizes of the types which, in the opinion the Minister, are suitable for display on the walls of dwellings or offices or on stands or similar mounts or are suitable for wearing on the person, and which were sent by donors resident abroad for presentation in competitions organized or sponsored otherwise than for purposes of trade and otherwise than in connection with trading or commercial ventures	423	Free
NOTE: This by-law shall not apply to any goods, which, in the opinion of the Minister, are of an advertising nature or have any wording thereon which, in the opinion of the Minister, is of an advertising nature.		
PAPER AND PAPERBOARD:		
Insulating, having a weight not exceeding 70 lb. for 480 sheets 20 inches by 25 inches but not including:		
Mica paper;		
Pressure sensitive tapes for use for electrical purposes, under security	447 (A) (1)	Free
Insulating, having a weight exceeding 70 lb. for 480 sheets 20 inches and of a quality not less than that required to conform to the requirements of B.S.S. No. 1137, Type 1 (Admiralty Grade) for use for electrical insulating purposes, under security.		
NOTE: (a) The following may be accepted as evidence that the boards comply with conditions of this decision: (1) an original certificate issued by the manufacturer that the material conforms with the requirements of B.S.S. No. 1137, Type 1 (Admiralty Grade) or higher or in the case of such goods invoiced by a manufacturer the certificate can be on the invoice; (2) a printed leaflet issued by the manufacturer incorporating sufficient detail to show that the material does conform to B.S.S. No. 1137, Type 1 (Admiralty Grade) or higher. (b) Where an importer cannot comply with the foregoing it will be necessary for him to produce satisfactory evidence that the goods comply with the relevant specifications.		
SURGICAL AND DENTAL AND VETERINARY, etc.:		
The By-law relating to 'Surgical and Dental and Veterinary, etc., Instruments and appliances, etc.' under Tariff Item 419 (C) (2), as published in the *Board of Trade Journal* of October 9, 1959 (page 508) and subsequently amended in the *Board of Trade Journal* of January 22, 1960 (page 184), June 2, 1960 (page 1388), July 1, (page 184), June 24, 1960 (page 1388), July 1, 1960 (page 42) September 9, 1960 (page 604) and April 13, 1962 (page 830) is further amended as follows:		
DELETE from the list of goods *excepted* from admission under Item 419 (C) (2) the following: Infusion sets, disposable, and parts and components therefor.		
ADD to the list of goods *excepted* from admission under Item 419 (C) (2) the following: Infusion sets, disposable, and parts and components therefor.		
NOTE: The term 'infusion sets' applies also to blood transfusion sets, (donor and/or recipient), disposable, and parts and components therefor.		
VEHICLE PARTS:		
The By-law relating to vehicle parts under Tariff Item 359 (D) (3) published in the *Board of Trade Journal* of November 3, 1961 (page 940), is now amended by adding to the Table of goods excluded, the following: Carburettors.		

Cancelled By-laws

The following goods are removed from the provisions of By-law entry and will now be classified under the substantive item indicated:

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
PIECE-GOODS, not otherwise classifiable under Tariff Item 107 (D):		
Impregnated but not coated with resins of the vinyl or vinylidene types, otherwise classifiable under Tariff Item 105 (H) (3) or 107 (C) (2), for use in a factory in the manufacture of roller blinds of the types installed inside houses or offices, under security	105 (H) (3)	(a) If impreg-

(*Continued on next page*)

Australia *(Continued)*

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
		nated with resins of vinyl chloride polymers and co-polymers and having a value for duty not exceeding 7s. per square yard: 25% *ad val* and a temporary duty of 7s. per square yard less 100% *ad val.* (b) Other 25% *ad val.*
	or 107 (C) (2)	10% *ad val.*

The following is a further list of goods which were removed from the provisions of By-law entry on June 30, 1962, and became classifiable under the substantive item indicated:

EMETINE and bismuth iodide	281 (N) (2)	2s. 3d. per lb. Primage duty 5% *ad val.*
ENDS, spool, for rolls for rendering music by a mechanical process	Various	—
ENVELOPES, irrigation, with or without essential fittings, for use in the treatment of burns, wounds, sepsis and other surface affections of the human body. These articles, which are made principally of oiled silk, isolate the affected part and are retained over such part during the process of heating	122 (A) (2)	20% *ad val.* Primage duty 5% *ad val.*
FASTENERS, busk or stay, covered or uncovered, but without textile edging or sewing onto corsets	110 (D)	22½% *ad val.*
FISHPLATES, rolled steel, for grooved tramway rails	154 (C)	£1 16s. per 0d. per ton Primage duty 5% *ad val.*
FITTINGS: Metal, bright finished or plated, for use in the manufacture of tennis racquet presses, under security	208 (A) (1) or 208 (A) (2)	27½% *ad val.*
Shoe box, metal, for travelling trunks or wardrobe trunks	376 (C) (1)	17½% *ad val.*
FLOORING, wedgewire for maltsters' kiln floors	208 (A) (2)	27½% *ad val.*
FLOUR, SAGO: For polishing and finishing purposes in the manufacture of twines or yarns, under security	98 (A)	1½d. per lb. Primage duty 5% *ad val.*
For use in the manufacture of cordage, paper, paper boards, or yarns, under security		
FORGINGS IN THE ROUGH, viz.: Artery forceps; Dissecting forceps; Lion forceps (bone); Mayo-Oshmer forceps; Plaster of Paris bandage shears; Scalpels; Sinus forceps; Skull elevators; Tissue forceps; Tongue forceps; Towel clips (forceps)	208 (A) (1) or (2)	27½% *ad val.*
FRONTS, METAL, with or without plain leather back but without loops, for harness or saddlery	208 (A) (1) or (2) 325 (A)	27½% *ad val.* 17½% *ad val.*
FUMIGATING PREPARATIONS consisting principally of hydrocyanic acid	269 (B)	10% *ad val.* Primage duty 5% *ad val.*
FURNITURE, METAL, in the rough, for razor strops or dog collars	208 (A) (1) or 208 (A) (2)	27½% *ad val.*
GASKETS: Air washer tube flange, for use in the manufacture of header reapers under security; Cylinder head water connection, for use in the manufacture of header reapers, under security; Manifold, for use in the manufacture of header reapers, under security	374 (D)	Various
GAUGES: Dew, portable, being a painted, specially treated block of wood on which dew is deposited in characteristic pattern, according to the dew fall, and the dew fall may then be calculated by visual comparison with standard scaled photographs	303 (A)	22½% *ad val.* Primage duty 5% *ad val.*
Tinplate, being a device for indicating the precise thickness of tinplate	208 (A) (2)	27% *ad val.*
GELATINE, aerated, in sheet form, being specially prepared as an aid in providing haemostasis in surgery	366 (B) (1)	30% *ad val.*
GLYCERINE for use in the manufacture of explosives, under security	289 (A)	Free

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
		NOTE: Glycerine is liable to additional imposts under the provisions of the Customs Tariff (Dumping and Subsidies) Act
GOVERNORS, feed, for controlling the flow of grain in flour mills		
GUNS, rivet, pneumatic, for passing heated rivers through a flexible tube from the forge to the riveter. These appliances comprise tank, head, flexible tubing and receiver or catcher	208 (A) (2)	27½% *ad val.*
GUT, silkworm, drawn	45ϑ (B) (2) (a) or 45ϑ (B) (2) (b)	Free 17½% *ad val.* Primage duty 5% *ad val.*
HANDLES, metal, in the rough, for surgical instruments	208 (A) (1) or 208 (A) (2)	27½% *ad val.*
HANGERS, metal chain, for coats	194 (A) (3) or 194 (B)	17½% *ad val.* Primage duty 5% *ad val.*
HEAD, shapes, uncovered, with or without teeth, for furs	Various	
HEADS, felt, for pneumatic cash carriers	122 (B)	27½% *ad val.* Primage duty 5% *ad val.*
HEELS for clogs or pattens	303 (A)	22½% *ad val.* Primage duty 5% *ad val.*
HOLDFAST for blinds	305 (F) (1) or 305 (F) (2)	Free 27½% *ad val.*
HOOKS for ties (apparel)	208 (A) (2)	27½% *ad val.*
HOSE, flax, 2¼ inches diameter, for use in the manufacture of rubber lined woven canvas hose, under security	332 (E/) (2)	22½% *ad val.*
INSERTS, glass, mustard, for mounting in electroplated ware	250 (C) (2)	5% *ad val.*
IRONS for clogs or pattens	208 (A) (2)	27½% *ad val.*
MAGNET assemblies for use in the manufacture of deaf aid specialities, under security	208 (A) (2)	27½% *ad val.*
MEASURES, proving, for testing the accuracy of laboratory gas meters or of calorimeters	250 (F)	5% *ad val.*
METALS: Iron and steel: Bars, Lowmoor, for making rivets for use in the manufacture of locomotives, under security; Bars, Netherton iron, for use in the manufacture of locomotives, under security	136 (C) (1)	£2 10s. 0d. per ton
Bars, round, not exceeding ½ inch diameter, for use in the manufacture of agricultural machines and appliances, under security	136 (C) (1) or 156 (B)	£2 10s. 0d. per ton 17½% *ad val.*) Primage duty 5% *ad val.*
Bars, tee, for use in the manufacture of locomotives, under security; Bars, Yorkshire, iron, for use in the manufacture of locomotives, under security	136 (C) (1)	£2 10s. 0d. per ton
Billets, Netherton iron, for use in the manufacture of locomotives, under security; Billets, Yorkshire iron, for use in the manufacture of locomotives, under security	136 (B)	£1 4s. 0d. per ton Primage duty 5% *ad val.*
Iron bars, magnetic, for use in the manufacture of drop indicators of the type used in telephone switchboards, under security	136 (C) (1)	£2 10s. 0d. per ton
Plates, ½ inch in thickness and exceeding 6 feet in length or 3 feet in width, for use in the manufacture of locomotives, under security	136 (D)	£2 8s. 0d. per ton
Plates, Staffordshire iron, for use in the manufacture of locomotives, under security		
Rodding, brass cased	208 (A) (2)	27½% *ad val.*
Steel: Bars, magnet steel, for use in the manufacture of magnets, under security	135 (C) (1)	£2 10s. 0d. per ton
Billets, nickel steel, for use in the manufacture of gear wheels, under security	208 (A) (2)	27½% *ad val.*
Plates, planished, for use in the manufacture of locomotives or locomotive boilers, under security	136 (D) or	£2 8s. 0d. per ton
Plates or sheets, fabric grained or figured rolled bright silver finish, of gauges Nos. 10 to 26 (B.G.) both gauges inclusive	208 (A) (2)	27½% *ad val.*
Plates, ship quality, for use in the manufacture of locomotives, under security	136 (D)	£2 8s. 0d. per ton
Sections, rail, bright drawn, for use as tracks for sliding doors or sliding windows, under security	136 (C) (1)	£2 10s. 0d. per ton
Sheets, drilled or indented with pocket holes, but not further manufactured, as used in the manufacture of grain separating cylinders	208 (A) (2)	27½% *ad val.*
Sheets, mild, cold rolled, bright, No. 24 gauge (I.S.W.G.) and finer, for use in the manufacture of belt fasteners and the like, under security	136 (D)	£2 10s. 0d. per ton

Australia (*Continued*)

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
Zinc rods for use in electric cells, under security	142 (B) (2) (a) (4)	27½% *ad val.*
Zinc sheets, perforated, for use in the manufacture of butter coolers, dish covers, covers for milk or cream cans, domestic safes or kitchen dressers, under security	208 (A) (2)	27½% *ad val.*
MORTIZERS, hand lever, of the artisans' portable type	208 (A) (2)	27½% *ad val.*
MOTIFS for use in the manufacture of Christmas cards, calendars, book markers or other gift novelties, under security	Various	—
MOULDS:		
For making rollers for printers hand roller frames	208 (A) (2)	27½% *ad val.*
Lead for lead-light workers	208 (A) (1) or 208 (A) (2)	27½% *ad val.*
Pattern, for metal toys		
Suppository		
Triturate, for medicinal tablets		
MOUNTS, vehicle, metal, in the rough		

Decisions on Tariff Classifications

THE AUSTRALIAN Department of Customs and Excise have announced the following decisions on the application of the Australian Tariff.

BREATHING TUBES (snorkels) as used by underwater swimmers – as hose	332 (E) (1) or	5d. per lb. or 22½% *ad val.* whichever is the higher Primage duty 5% *ad val.*
NOTE: Snorkels of rubber and plastic combinations are classifiable Item 332 (E) (2).	332 (E) (2)	22½% *ad val.* Primage duty 5% *ad val.*
COVERS:		
Table, of polyvinyl chloride:		
Being merely rectangles whether embossed or finished but not when having patterns cut out or otherwise surface worked:		
Coated textile fabric	105 (H) (3)	(a) If coated with resins of vinyl chloride polymers and copolymers and having a value for duty not exceeding 7s per square yard 25% *ad val.* and in addition a temporary duty of 7s. per square yard less 100% *ad val.* (b) Other: 25% *ad val.*
Textile supported plastic	368 (A) (3) (d)	25% *ad val.* and in addition a temporary duty of 7s. per square yard less 100% *ad val.*
Wholly plastic	or 368 (A) (3) (e)	25% *ad val.*
Otherwise (e.g., having edges bound, pinked, frilled or scalloped)	368 (A) (2) or 368 (A) (3)	Various
	368 (A) (4) or 368 (A) (5)	Various
ELECTRICAL APPLIANCES AND MATERIALS:		
Radio and television apparatus of all kinds:		
Television receivers imported in a completely knocked down condition, the parts comprising a complete or substantially complete receiver on the whole	181 (E) (2)	On the receiver less picture tube £25 each and 27½% *ad val.* *and* on the picture tube £6 each.
Television receivers imported in a completely knocked down condition, such parts *not* comprising a complete or substantially complete T.V. receiver to be dutiable under the item applicable to each component as if imported separately.		
NOTE. (a) Television receivers imported in a *partly assembled* condition whether or not complete or incomplete are classifiable under Item 181 (E) (2). In determining whether a *television receiver* has been imported for the purposes of Item 181 (E) (2) (i.e., in deciding whether an incomplete television receiver) the criterion set out in note (b) shall apply.		
(b) Television receivers shall be deemed *not* to be complete or substantially complete provided the cost of Australian labour and materials in completing the goods (excluding the cabinet and the picture tube) is more than 100% of the landed duty paid cost of the imported parts.		
Television tuners (for television receivers) imported separately:		
Imported in an assembled condition:		
On the valves	181 (J) (6)	2s. 6d. each or 27½% *ad val.* whichever rate returns the higher duty
On the remainder	181 (K)	27½% *ad val.*
Imported in an unassembled or partly assembled condition to be dutiable under the item applicable to each component or sub-assembly as if imported separately.		
FILMS, CINEMATOGRAPH:		
Exposed or developed:		
Amateur photographers':		
Incorporating an unrecorded magnetic sound recording stripe, provided the films were exposed and developed in Australia prior to being exported for the incorporation of the magnetic sound recording stripe	401 (D) (2)	Free
GLASS:		
Float*:		
⅛ inch and over in thickness as a substitute for plate glass (see Substitute Notice).†		
Less than ⅛ inch in thickness – as a substitute for plain clear sheet glass (see Substitute Notice).†		
GRAMOPHONES, SOUND RECORDERS AND SOUND REPRODUCERS:		
Record blanks, prepared	319 (A) (2)	2½d. per lb. Primage duty 5% *ad val.*
NOTE. (a) All importations are to be sampled and classified by the Tariff Officer.		
(b) To be covered by Item 319 (A) (2) such goods must be those blank records which have a prepared surface suitable for cutting a sound track by means of a cutting stylus. The item does not cover record biscuits as used for making gramophone records in a press with two stamping matrices. Such record biscuits are classifiable according to material e.g., Item 368 (A) (1) (c) (1) or (d) (1) when of vinyl chloride polymers and copolymers.		
MACHINERY AND APPLIANCES:		
Backwashing machines (textile-working):		
Dryers	176 (F) (1)	27½% *ad val.*
MASKS:		
Face, swimmers'	321 (A) (3)	20% *ad val.*
PETROLEUM OILS:		
Benzene, chemically pure or chemically defined	226 (B) (3)	Various
RESINS, ARTIFICIAL AND PLASTIC MATERIALS:		
Processed to the state of but not further than blocks, films, rods, sheeting, sheets, strips, tubes or other preformed shapes, not included under any other heading in the Tariff:		
Polyester type:		
Sheets of linear polyester chains cross linked with styrene, with or without glass fibre reinforcement	369 (D) (4)	(a) Unsaturated type, having a cross section profile corrugated castellated saw toothed and the like. Free, and in addition a temporary duty of 1s. per square foot. (b) Other: Free.
NOTE. (a) Such goods are not regarded as being of the styrene type for the purposes of Item 368 (B).		
(b) 'Galt' glass and 'Cascalite' are covered by the foregoing decision.		
Styrene type, polymerization and copolymerization products of:		
Emulsion, solutions, pastes, powders, granules, flakes, lumps and similar forms, including moulding compounds, not covered by Item 232 (E) or 255 (B) (1); waste and scrap:		
Emulsions and pastes, and solids redispersible in an aqueous medium, of styrene – acrylic copolymers	368 (B) (1) (b)	25% *ad val.*
NOTE: Solids soluble in aqueous media are not covered by this reference.		
Vinyl and vinylidene types, polymerization and copolymerization products of:		
Being merely rectangles whether embossed or finished but not when having patterns cut out or otherwise surface worked:		
Coated textile fabrics	105 (H) (3)	(a) If coated with resins of vinyl chloride polymers and copolymers and having a value for duty not exceeding 7s. per square yard: 25% *ad val.* and in addition a temporary duty of 7s. per square yard less 100% *ad val.* (b) Other 25% *ad val.*
Textile supported plastic	368 (A) (3) (d)	25% *ad val.* and in addition a temporary duty of 7s. per square yard or less 100% *ad val.*
	or 368 (A) (3) (e)	25% *ad val.*

(*Continued on next page*)

Australia (*Continued*)

Goods	Classification and Duty under the British Preferential Tariff	
	Tariff Item	Rate of Duty
Wholly plastic	368 (A) (2) or 368 (A) (3)	Various.
Emulsions, solutions, pastes, powders, granules, flakes, lumps and similar forms, including moulding compounds, not covered by Item 232 (E) or Item 255 (B) (1); waste and scrap: Of vinyl chloride polymers and copolymers: Specially prepared for the manufacture of sound reproduction discs, according to f.o.b. price	368 (A) (1) (c) (1)	7½d. per lb. and, in addition a temporary duty of 4½d. per lb.
	or 368 (A) (1) (d) (1)	7½d. per lb. and, in addition temporary duties as follows: 4½d. per lb.; and, for each 1d. or part thereof by which the f.o.b. price is less than 14½d. per lb., 1d. per lb.
NOTE: These goods are usually imported in the form of biscuit of various dimensions and are used to make gramophone records in a stamping press. Their composition is essentially of polymers and copolymers of polyvinyl chloride 98% with the addition of lubricant and stabilizers and with or without colouring matter, the lubricants and stabilizers being special to the manufacture of gramophone records. It is possible for such material to be imported other than in the rough biscuit or slab form, e.g. granules, waste, flake and so on. This material is not classifiable under Item 319 (A) (2).		
SETS: Containing pillow cases, of cotton or containing a mixture of fibres in which cotton predominates, with sheets or other goods – the components of such sets shall be classified under the Tariff Items applicable to each component as if it had been imported separately. (Ministerial Direction under Prefatory Note (11)§.		
TOMATO powder or dehydrated tomato in flakes and the like:		
In vessels not exceeding one quart	54 (A) (1), (A) (2), (A) (3) and (A) (4)	Various according to the size of the vessel.
NOTE: Duty shall be charged on 14 times the same number of vessels of the same size containing tomato pulp (*vide* Substitute Notice).‡		
In vessels exceeding one quart	54 (A) (5)	2s. 3d. per gallon.
NOTE: Duty shall be charged on an amount representing tomato pulp equal in gallonage to 1·4 times the weight (lb. avoirdupois) of powder or dehydrated tomato (*vide* Substitute Notice).‡		

Note:

* *Float glass is made by floating a continuous ribbon of glass on the surface of molten metal at a controlled temperature.*

† *See Substitute Notice No.* 15 *published in last week' issue (page* 677).

‡ *See Substitute Notice No.* 14 *published in the* Board of Trade Journal *of September* 7, 1962 *(page* 544).

§ *Prefatory Note No.* 11 *was published in the* Board of Trade Journal *of March* 30, 1962 *(page* 710).

Specific rates are shown in Australian currency £A125 = £ *Sterling* 100.

Special Advisory Authority Inquiry Result

NOTICES were published in the *Board of Trade Journal* of September 7, 1962 (page 544) and September 14, 1962 (pages 591 and 592) regarding references which had been made to the Australian Special Advisory Authority in respect of **chlorine chemicals.**

The inquiries have now been held and as a result of the Special Advisory Authority's recommendations, a temporary additional duty of 15d. per lb. has been imposed on 2, 4, 5—T and preparations thereof. The new duty will not apply to goods in transit on or before August 30, 1962.

Full details will be published in the *Board of Trade Journal* as soon as possible.

The temporary duties operative on other chlorine chemicals since June 26, 1962 will continue. Details of these duties were published in the *Board of Trade Journal* on July 6, 1962 (page 49).

Note: Specific rates are quoted in Australian currency £A125= £Sterling 100.

Tariff Board Inquiries

THE AUSTRALIAN Minister for Trade has referred to the Tariff Board for inquiry and report the question whether assistance should be accorded the production of:

(1) Internal combustion piston engines and parts n.e.i. but not including engines
- (a) for vehicles classifiable under Tariff Item 360 (D),
- (b) exceeding 10 belt pulley h.p. for tractors,
- (c) aircooled petrol not exceeding 10 b.h.p. or,
- (d) for use for propulsion purposes in aircraft (Tariff Items 177(B)(2), 178(B)(1)(a), 178(B)(1)(b), 178(B)(3)(a), 178(B)(3)(b), 178(B)(4), 178(B)(5)(a), 178(B)(5)(b) and 178 (C));

(2) Electrical generators, motors and rotary convertors, other than 6 or 12 volt of the type used with motor vehicles (Tariff Item 179(G));

(3) Pins of base metal, with solid metal heads (Tariff Items 210(A) and 210(B));

(4) Toluene, nitration grade (Tariff Items 226(B)(3)(a), 226(B)(3)(b) and 226(B)(3)(c)).

References (1) to (3) have been made as a result of representations by local manufacturers and reference (4) is of Departmental origin.

Details of the above mentioned Tariff Items will be published in next week's issue of the *Board of Trade Journal*. Meanwhile they can be obtained from the Export Services Branch, Board of Trade, Hillgate House, 35 Old Bailey, London, E.C.4. (Telephone: City 5757 Extn. 468).

This matter has been reported by telegraph by the British Senior Trade Commissioner at Canberra, who has been asked by the Australian authorities to notify them at the earliest possible date if any United Kingdom interests propose to tender evidence. In accordance with normal procedure, notification in this instance should be given to the Australian authorities **not later than October 24, 1962.** Before this date, therefore, United Kingdom Trade Associations or firms intending to submit evidence to the Tariff Board should so advise the Commercial Relations and Exports Department, Board of Trade, Horse Guards Avenue, London, S.W.1, quoting reference Nos. (1) C.R.E. 10943/62, (2) C.R.E. 10944/62, (3) C.R.E. 10945/62, and (4) C.R.E. 10947/62.

References to the Tariff Advisory Committee

THE AUSTRALIAN Minister for Customs and Excise has referred to the Tariff Advisory Committee the following matters:

The rates of duty now applicable under:

(a) Tariff Item 359(D)(4) to Carburettors
(b) Tariff Items 359(D)(4) and 359(F) to Rear Vision Mirrors
(c) Tariff Item 285(A)(2) to Heparin
(d) Tariff Item 176(F)(1) to Forming machines, power operated
(e) Tariff Item 180(F) to Stroboscopes
(f) Tariff Item 176(F)(1) on Optical mechanical instruments for observation of rapidly moving mechanisms
(g) Tariff Item 390(A)(1)(b) to Twine for fishing and rabbit netting
(h) Tariff Item 242(C) to figured rolled heat absorbing glass
(i) Tariff Item 176(F)(1) to Backwash dryers (part of Backwashing machines)
(j) Tariff Items 310(B), 352(B)(4), or 241(B)(2) (according to material) to Dolls' heads, not wigged and Dolls' limbs when imported for use otherwise than for the repair of dolls under security
(k) Tariff Item 334(H) to Parchment tracing paper
(l) Tariff Item 219(B) to Jennings pattern auger bits other than Solid centre auger bits or fencing and wagon bits having a twist of not less than 8 inches and an overall length of not less than 12 inches
(m) Tariff Items 105(H)(3) or 107(C)(2) to Piece goods not otherwise classifiable under Tariff Item 107(D) impregnated but not coated with resins of the vinyl or vinylidene types, for use in a factory in the manufacture of roller blinds of the types installed inside houses or offices

The Tariff Advisory Committee will meet to consider the above mentioned matters in Canberra on a date to be announced later.

The Tariff Advisory Committee (which should not be confused with the Tariff Board) is a small committee constituted as follows: Chairman, a nominee of the Department of Customs and Excise; Members, one nominee of importing interests (the Director of the Australian Association of British Manufacturers), one nominee of the Associated Chambers of Manufacturers of Australia.

The Committee meets occasionally to consider certain tariff questions referred to it by the Minister, and to make recommendations.

Any United Kingdom firm or trade association who consider that their interests are involved, and who wish to make their views known to the Committee, should communicate either with the Commercial Relations and Exports Department, Board of Trade, Horse Guards Avenue, London, S.W.1 (Reference C.R.E. 417/G), or with the Secretary of the London office of the Australian Association of British Manufacturers, 42 Leicester Square, London, W.C.2.

(Continued on page 729)

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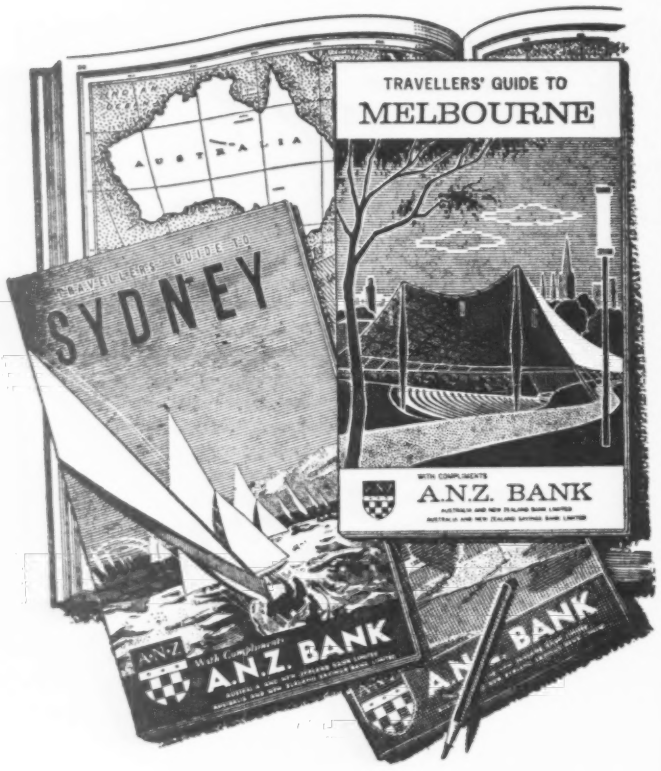

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Australia (*Continued*)

Details of Temporary Duties

DETAILS are given below of the temporary changes made in Customs duties, which came into effect on September 21, 1962. Additions to the Customs Tariff are shown by italics.

Tariff Item	Goods	Former Duties			New Duties		
		British Preferential	Most-Favoured-Nation	General	British Preferential	Most-Favoured-Nation	General
120	(3) Bed sheets, pillow cases, of cotton or containing a mixture of fibres in which cotton predominates:						
	(a) Bed sheets . . . . . ad val.		No change (Under former Item 120 (B) (3))		22½%	45%	50%
	(b) Pillow cases in sizes larger than 18 inches in length or 15 inches in width and having a value for duty not exceeding £1 13s. 4d. per dozen . . . . . ad val.	22½%	45%	50%	22½%	45%	50%
	and, in addition, a temporary duty of . . . . . per dozen less ad val.	—	—	—	£2 10s. 0d. 150%	£2 10s. 0d. 150%	£2 10s. 0d. 150%
	provided that, in respect of such goods in direct transit to Australia on August 14, 1962, which are entered for home consumption on arrival, no additional temporary duty shall be payable.	—	—	—			
			(Under former Item 120 (B) (3))				
	(c) Other . . . . . ad val.		No change (Under former Item 120 (B) (3))		22½%	45%	50%

Note: Specific rates are shown in Australian currency: £A125 = £ Sterling 100.

MEXICO

Import Licensing

THE Mexican *Diario Oficial* of September 17, 1962, published Decrees making goods under the following headings subject to prior import licence. The Decrees were effective on the date of their publication.

Tariff No.	Description
718.01.00	Autoclaves of any kind.
862.00.05	Illuminating lamps and reflectors, of all sorts, when it is proved, by means of catalogues, that they are exclusively intended for airfields, sea-ports, surgical operations or photographic studios. (Restriction applies only to lamps for surgical operations).
880.00.13	Sterilizing cabinets, other than pressure, for surgical instruments and hypodermic syringes.

Tax Exemptions

The *Diario Oficial* of September 12, 1962, published a General Declaration under the Law for the Encouragement of New and Necessary Industries granting tax exemptions for the manufacture of lamp black (*negro de humo*). This is declared to be a new industry and exemptions will be granted for ten years.

Exemptions from payment of import duties (100 per cent.), stamp tax (100 per cent.), sales tax (100 per cent.) and income tax, Schedule II (40 per cent.) will be granted to interested firms subject to their compliance with the following requirements:

(a) They must maintain the capital structure of their company in such a form that it does not affect the net balance of payments of the country by the exportation of foreign exchange in the form of royalties, technical services, patent rights, interests, etc.

(b) Payments abroad in connection with the purchase or use of patent rights, trade marks, technical assistance, etc., whether in the form of royalties, participation in production, sales or profits, in interests or under other names, whether in cash, in stocks or in credit, will be limited to the percentage of sales which the Ministry of Industry and Commerce and the Ministry of Finance shall jointly determine.

(c) The employment of foreign personnel is limited to one individual and to the first year of the concession, for direct productive activities; foreign personnel may be employed in other activities for not more than two years. Any foreigners employed are required to train at least two Mexicans to take over their duties when the period of their employment expires.

(d) Total payments to foreign personnel in respect of salaries, honoraria, bonuses, services, etc., must not exceed 15 per cent. of the total wage bill for all personnel engaged in the activities for which the exemptions are granted.

(e) The firm must comply with the standards of quality which the Ministry of Industry and Commerce may issue.

JAMAICA

Customs Tariff Changes

THE JAMAICAN Customs Tariff (Amendment) (No. 4) Resolution, 1962, amends the First Schedule to the Jamaica Customs Tariff Resolution, 1954, by deleting Item 053.03 and substituting therefor:

Item No.	Class or Description of Goods	Unit		Rate of Duty	
		For Classification	For Duty	Preferential Tariff	General Tariff
053.03.1	Jams, marmalades, fruit jellies, fruit pulp and pastes (excluding fruit pulp and pastes included in Item 053.03.9) whether in air-tight containers or not	lb.	value	25%	40%
053.03.9	Fruit pulp and pastes (excluding pineapple, guava, citrus and mango, whether in air-tight containers or not, which the Collector-General is satisfied will be used solely in the manufacture locally of jams and other similar commodities .	lb.	value	10%	15%

Inquiries about the above notice should be addressed to the Export Services Branch (Tariff Section), Board of Trade, Hillgate House, 35 Old Bailey, London, E.C.4. (Telephone: City 5757, Ext. 471.)

VENEZUELA

Customs Tariff and Import Control

BY A RESOLUTION, issued by the Venezuelan Ministries of Finance and Development, published in the *Official Gazette* of September 12, 1962, and effective from the same date, the Customs Tariff has been amended as follows and imports of items marked with the number four (4) have been made subject to licence:

Item No.	Description	Duty (in B.S.)
721-02-00	Electric batteries, dry:	
721-02-01	Each unit weight up to 200 grams (4) .	0·20
721-02-02	Each unit weighing more than 200 grams.	0·20

Shipments of merchandise covered by consular invoices dated either the same as or earlier than the effective date will be exempt from the provisions of the resolution.

Aluminium Castings

A revised edition of 'Aluminium Castings' (first published in 1950) has been issued by the Aluminium Development Association, 33 Grosvenor Street, London, W.1. Price 7s. 0d.

COLOMBIA

Import Control

BY A DECREE (No. 2251) issued by the Colombian authorities and effective from September 18, 1962, until December 31, 1962, all items remaining on the free import list, with the exception of the following, have been made subject to licence:

Item No.	*Description*
93	(b) Gum resins:
93	(1) Myrrh (2) Frankincense (olibanum) Alkaline and alkaline – earth metals (lithium, sodium, potassium, calcium, strontium, barium, etc.): (a) Radium
217	Compressed, liquefied or solidified gases: (i) Gases other than hydrogen, nitrogen, oxygen, chlorine, acetylene, carbon dioxide (carbonic anhydride, sulphurous acid), methyl chloride, ethyl chloride, methyl bromide, propane, butane and their homologues, including rare gases: (1) Other gases for anaesthesia: Nitrous oxide, ethylene, etc.
287	Chemical products and chemical preparations, n.e.s.i: (b) other than bisulphite lyes resulting from the manufacture of paper pulp: (9) Culture media for the development of micro-organisms.
288	Alkaloids and glycosides, their derivatives and synthetic substitutes and their salts: (1) Morphine (2) Diacetylmorphine (3) Codeine
288	(a) (4) Other
288	(b) Cocaine and its salts.
289	Organo=therapeutic products, hormones and their synthetic substitutes; enzymes, enzyme salts and other enzymatic compounds n.e.s.i.; semen: (b) Organo= therapeutic products: (1) Natural human plasma (2) Synthetic human plasma substitutes
419	Paper in rolls or sheets, not processed or worked, weighing more than 30 grams per square metre: (e) Newsprint Note – This description comprises non-satined paper, in rolls or sheets, weighing 45 to 60 grams per square metre and containing at least 60 per cent. of mechanical wood pulp.
814	Printing type of base metal: (a) Typographic and other movable type for printing. (b) Typographic dyes and punches.
815	Cliches and plates, of base metal, for printing on paper.
879	Steam rail locomotives, including tank engines.
880	Electric rail locomotives and electric rail diesel locomotives.

ECUADOR

Revised Headings and Duties in New Customs Tariff

THE ECUADOREAN authorities have recently introduced a new customs tariff, on the same basis as the former tariff, but containing some revised headings and duties. The new tariff (in Spanish) is available for inspection in Export Services Branch of the Board of Trade, Room E.46, Hillgate House, 35 Old Bailey, London, E.C.4. (Telephone: City 5757, Extension 476).

CANADA

'Made in Canada' Ruling

THE FOLLOWING rulings have been made for Customs purposes:

Of 'a class or kind made in Canada':

Benzoic Acid, Technical
2, 4-Dichlorophenol
Glyceryl Guaiacolate
Methocarbamol
Para-acetaminophenol (Acetaminophen).

(Rulings effective October 17, 1962).

The above information is contained in Canadian Department of National Revenue Memorandum Series D51-33-5, dated September 25, 1962.

Surcharge on Imports

THE CANADIAN Federal Government announced on June 24, 1962, that a temporary, graduated surcharge was to be imposed on certain imported goods. Full details of the tariff items affected were published in the *Board of Trade Journal* of July 13 (page 86) and July 20 (page 144).

Under Order in Council P.C. 1962 – 18/1294, dated September 19, 1962, the surcharge is remitted or may be refunded in respect of goods which, prior to June 25, 1962, were either (a) en route to Canada or (b) in Canada unentered at Customs. Canadian Customs will accept original bills of lading or other satisfactory documentary evidence in support of the remission or refund.

EUROPEAN ECONOMIC COMMUNITY

English Translations of the E.E.C. Regulations

THE FOLLOWING further translations of the E.E.C. Regulations are now available from H.M. Stationery Office, Kingsway, London, W.C.2, and branches:

Regulation No. 60 embodying initial provisions for inspecting the quality of fruit and vegetables in intra-community trade. Price 1s. 0d.

Regulation No. 65 laying down certain transitional provisions applicable to exports to third countries of cereals, groats, and meal of durum wheat, and of products covered by Article 1 (d) of Regulation No. 19. Price 8d.

Regulation No. 68 laying down criteria for determining c.i.f. prices for cereals, flour, groats and meal. Price 8d.

Regulation No. 69 laying down the standard amounts of levies in respect of cereals, and of flour, groats and meal. Price 5d.

Regulation No 83 laying down intra-community sluice-gate prices for slaughtered pigmeat. Price 5d.

Regulation No. 107 fixing reference prices for lemons. Price 5d.

Regulation No. 109 on determining the additional amount referred to in Article 7 of the Council's Regulation No. 20 and Article 6 of the Council's Regulations Nos. 21 and 22. Price 8d.

Regulation No. 115 fixing the opening of the marketing season for maize. Price 5d.

Regulation No. 116 fixing the sluice-gate price for live farmyard poultry not exceeding 185 grammes in weight. Price 5d.

Customs Tariff of the European Communities

The Board of Trade announce that in the 'Customs Tariff of the European Communities' provisional English edition published in 1961 (H.M.S.O. 4s. 0d.), Chapter 84 (boilers, machinery and mechanical appliances; parts thereof), additional note 1: in line 1 the reference to '17 litres' should read '18 litres'.

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SPAIN

Further Liberalization of Trade

SPAIN'S Seventh Liberalization List was published in the *Board of Trade Journal* of July 20, 1962 (pages 153-157).

The Spanish authorities have now published a complementary list of liberalized goods which is reproduced below.

Liberalized goods may be freely imported without import licence provided they originate in, and proceed from, the countries listed in the Annex below' Imports are to be made under a 'Declaration of Importation of Liberalized Goods' which the importers must make on official form.

The liberalization of goods in this list comes into effect from September 18, 1962.

Complementary Liberalization List

Tariff No.	Article
12.01 B-2	Ground nut seed.
15.07 A-2 a 2	Crude ground nut oil.
15.07 A-2 b 2	Refined ground nut oil.
73.10 B-2	Hollow mining drill steel.
B-3	Other bars: (a) Not further worked than hot- or cold-formed, whether or not forged. (b) Clad or otherwise worked (polished, perforated, twisted, etc.).
73.11 B	Angles, shapes and sections of iron or steel, other than special: 1. Paragon. 2. Other: (a) Not further worked than hot-rolled or extruded: I. U, T or double T shape, of a height of: (a) Less than 80 mm. (b) 80 mm. or more. II. Capital omega section. III. Other angles, shapes and sections. (b) Not further worked than forged. (c) Not further worked than cold-formed or cold-finished. (d) Clad or otherwise worked (polished, perforated, twisted, etc.).
73.12 B	Hoop and strip, hot-rolled or cold-rolled, of iron or steel, other than special: 1. Not further worked than hot-rolled whether or not pickled. 2. Not further worked than cold-rolled whether or not pickled. 3. Clad or otherwise worked: (a) Tinned. (b) Other (silvered, gilt, galvanized, polished, varnished, lithographed, perforated, bent, etc.).
73.13 B C	Sheets and plates of unalloyed special steel, hot-rolled or cold-rolled: Of iron or steel, other than special: 1. Not further worked than hot-rolled, whether or not pickled, of a thickness of: (a) 3 mm. or more. (b) 2 mm. or more, but less than 3 mm. (c) 0·5 mm. or more, but less than 2 mm. (d) Less than 0·5 mm. 2. Not further worked than cold-rolled, whether or not pickled, of a thickness of: (a) 3 mm. or more. (b) 2 mm. or more, but less than 3 mm. (c) 0·5 mm. or more, but less than 2 mm. (d) Less than 0·5 mm. 3. Clad or otherwise surface-worked: (a) Silvered, gilt or platinum-coated. (c) Galvanized or lead-coated. (d) Other (coppered, nickelled, enamelled, lacquered, varnished, parkerized, lithographed, etc.). 4. Otherwise worked: (a) Not further worked than cut to other than rectangular shape. (b) Other (perforated, bent, swaged, engraved, etc.).
73.16	Railway and tramway track construction material of iron or steel, the following: rails, check-rails, switch blades, crossings (or frogs), crossing pieces, point rods, rack rails, sleepers, fishplates, chairs, chair wedges, sole plates, rail clips, bedplates and ties: A. Rails weighing per linear metre: 1. 25 kg. or more. 2. Less than 25 kg. B. Rack rails and special calibrated sections. C. Other.

Countries to which the system of Liberalization applies:

(a) Member countries of the O.E.C.D. and their overseas territories.

(b) Other countries:

Australia	Haiti	Panama
Burma	Honduras	Dominican Republic
Canada	India	Union of South Africa
Ceylon	Iraq	Tunisia
United States	Japan	Venezuela
Federation of Malaya	Jordan	Ecuador
Ghana	Libya	
Guatemala	New Zealand	
	Pakistan	

Purer Metals

'Purer Metals' comprises the papers read by four leading authorities at the 1961 Annual Refresher Course of the Institution of Metallurgists. Copies: Iliffe Books Ltd', Dorset House, Stamford Street, London, S.E.1. Price 35s. 0d.

THE NETHERLANDS

Jam and Lemonade Decree Modified

A NETHERLANDS Royal Decree dated July 26, 1962, modifying the Jam and Lemonade Decree (Merchandise Law), was recently published in *Staatsblad* No. 345/1962.

The decree includes the provision that orange marmalade may contain not more than 30 milligrammes of diphenyl and not more than 20 milligrammes of *o*-dihydroxydiphenyl per kilogram, and it also modifies the regulations governing fruit drinks, jam, pudding mixes and household chocolate paste.

The full text of the above-mentioned decree (in Dutch) may be seen at the Export Services Branch (Tariff Section), Board of Trade, Room E.38, Hillgate House, 35 Old Bailey, London, E.C.4. (Telephone-City 5757, Extension 479.)

ITALY

Duty for Gifts from non-EEC Countries

PRESIDENTIAL DECREE No. 975, applicable from July 31, 1962, decrees that a flat rate Customs Duty of 10 per cent. *ad valorem* is payable on goods sent as gift parcels for the personal use of individuals providing that these have no commercial character and do not exceed 60 accounting units (i.e. 60 dollars) in value. This arrangement also applies to goods carried in the personal luggage of travellers.

Goods subject to the State Monopoly legislation, or to the health, phytosanitary or public safety regulations, are excluded from this arrangement.

IRAQ

Commercial Agency Law

A NOTICE was published in the *Board of Trade Journal* of December 22, 1961 (page 1273), about the implementation of the Iraq Commercial Agency Law. Paragraph (4) of the law stated that the position under the law of non-Iraqi Arab nationals would be determined in a subsequent announcement.

It has now been announced that non-Iraqi Arab companies working in Iraq are exempted from the law only in respect of agencies for Arab companies. If, however, they wish to continue to hold any agencies for non-Arab companies, they must comply with the full provisions of the Agency Law (by becoming Iraqi companies) within a period of six months from September 15, 1962.

Inquiries about this notice should be addressed to Commercial Relations and Exports Department, Board of Trade, Horse Guards Avenue, London, S.W.1. (Telephone: Trafalgar 8855, Ext. 2528.)

UGANDA, KENYA AND TANGANYIKA

Customs Tariff Changes

DETAILS were given in the *Board of Trade Journal* of June 22, 1962 (page 1412) of amendments to the Customs Tariffs of Uganda, Kenya and Tanganyika. The following further amendments should be noted:

Tariff Item	Article	Duty
28 (c)	Other potable spirits containing more than 3 per cent. of proof spirit, e.g. brandy, whisky, rum, gin, geneva, rectified spirits, and wines containing more than 50 per cent. of proof spirit	Per proof gallon, Sh. 200.
31	Cigars, cheroots and cigarillos	Per lb. Sh. 56.
112 (a)	Medicated dressings and antiseptics	Free.
(b)	Drugs and medicinal and veterinary preparations: (i) specified by the Minister by notice in the *Gazette* as chargeable under this sub-item	*Ad valorem* 25%
(ii)	other	Free.
(c)	Laboratory re-agents and chemicals prepared to standards suitable for analytical purposes or laboratory use, admitted as such by the Commissioner	Free.
(d)	Glycerine, borax, sodium bicarbonate	Free.

Lists of the drugs and medicinal and veterinary preparations liable to duty under Item 112 (b) (i) in Uganda and Kenya may be seen at Export Services Branch, Board of Trade, Room E.48, Hillgate House, 35 Old Bailey, London, E.C.4.

FEDERATION OF RHODESIA AND NYASALAND

Duty Payable by Specified Territories

FEDERAL GOVERNMENT Notice No. 289 published in the Federation of Rhodesia and Nyasaland *Government Gazette* of September 21, 1962, makes goods grown, produced or manufactured in Jamaica and Trinidad and Tobago liable to duty at the rates appearing in Column D of the customs tariff on importation into the Federation. Such goods were previously liable to the rates of duty appearing in Column C of the customs tariff as a result of the achievement of independence of these countries.

Application for Increased Duty

DETAILS of an application for increased duty on mild steel tubing were published in the *Board of Trade Journal* of June 29, 1962 (page 1450).

Federal Notice No. 691 published in the Federation of Rhodesia and Nyasaland *Government Gazette* of September 21 amends that application, details of which are now as follows:

Tariff Item	Description of Commodity	Rates of Duty			
		Duty A	Duty B	Duty C	Duty D
134	Pipes, piping, tubes, tubing and fittings: Of metal or substitutes therefor:				
	Present wording and duties:				
	ex (f) Piping and tubing other, in the length, n.e.e., and part circle culverts:				
	(ii) Other . . *ad val.*	10%	5%	Free	Free
	Proposed wording and duties:				
	(f) (ii) Mild steel tubing, not being seamless, whether or not perforated (the outside diameter being confined to nominal sizes of ¾ in. and 1 in.), the ends being plain or screwed and additionally or alternatively fitted with any form of joint *ad val.*	20%	15%	10%	10%
	or per foot	1¼d.	1¼d.	1¼d.	1¼d.
	plus *ad val.*	10%	5%	—	—
		whicheve r duty sh all be the greater			
	(iii) Other . . *ad val.*	10%	5%	Free	Free

(Britain pays Column D rate of duty).

The closing date for the receipt of evidence against the application by the Federal Ministry of Commerce and Industry is October 12, 1962.

Qualification for Preferential Rates of Duty

DETAILS were published in the *Board of Trade Journal* of November 9, 1959 (page 729) of Federal Government Notice No. 265 of October 23, 1959 setting out the regulations governing the qualifications under which manufactured goods may enter the Federation of Rhodesia and Nyasaland at preferential rates of duty.

Federal Government Notice No. 290 published in the Federation of Rhodesia and Nyasaland *Government Gazette* of September 21 now provides for the rebate of customs duty, notwithstanding the provisions set out in the notice of October 23, 1959, to be allowed in respect of piece-goods classified under item 76 of the customs tariff which have been wholly manufactured in one specified country whether or not the fibre or filament used in the manufacture of the piece-goods was produced in that country.

Goods falling under customs tariff item 76 are piece-goods, woven, knitted, crocheted or felted, n.e.e.

Application for Increased Duty Withdrawn

DETAILS were given in the *Board of Trade Journal* of June 1, 1962 (page 1241) of an application received by the Federation of Rhodesia and Nyasaland Ministry of Commerce and Industry for increased duty on millinery, drapery, haberdashery and textile articles of furnishing and napery mainly or wholly of textile materials classified under Tariff Item 73 (d).

Federal Notice No. 690 published in the Federation of Rhodesia and Nyasaland *Government Gazette* of September 21, 1962, states that the application has been withdrawn.

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

Liquidation of Indian Assets

THE IMPENDING liquidation of Indian firms in Mozambique, and the procedure to be followed by British creditors in presenting claims against the assets of such firms, were announced in the *Board of Trade Journal* of September 7, 1962 (page 529).

H.M. Consulate-General in Lourenço Marques has now reported that the liquidation of the following firms has been announced in the official bulletin of the Mozambique province:

(1) Dattani Irmaos.
(2) Chaganlal Laxmidas and Ca.
(3) M. J. Saujani and Ca.
(4) Ravjee Madhavjee and Ca.
(5) Jani and Ca.
(6) Maganlal Jessang and Ca.

Documented claims have to be submitted by November 5, 1962, and it is understood that submission must be in person, by agent or by proxy (i.e. not by post) and that documents must bear the appropriate stamp tax.

Further lists of Indian firms to be liquidated will be published in the *Board of Trade Journal* as they are received.

Any inquiries relating to this notice should be addressed to the Board of Trade, Commercial Relations and Exports Department, Horse Guards Avenue, London, S.W.1. (Telephone: Trafalgar 8855, Extn. 3082).

New Zealand Report on Industry

The 'Report of the Department of Industries and Commerce' for the year ended March 31, 1962, has been published by the Government of New Zealand. Copies: Information Officer, New Zealand Government Office, 415 Strand, London, W.C.2. Price 2s. 6d.

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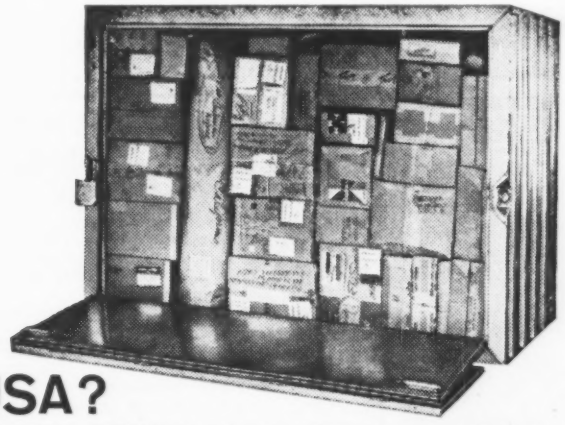

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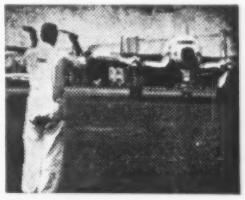

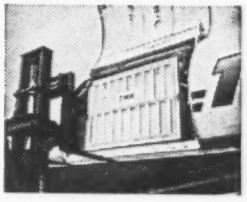

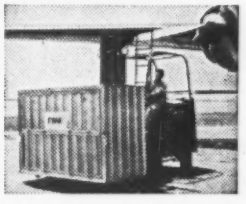

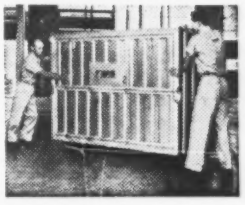

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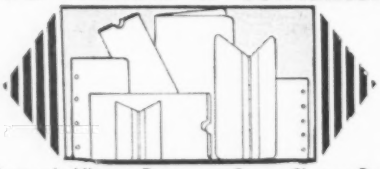

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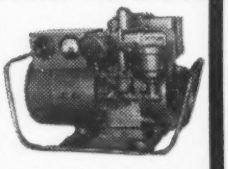

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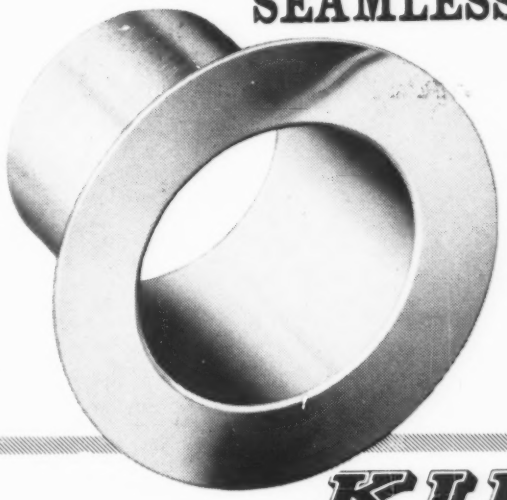

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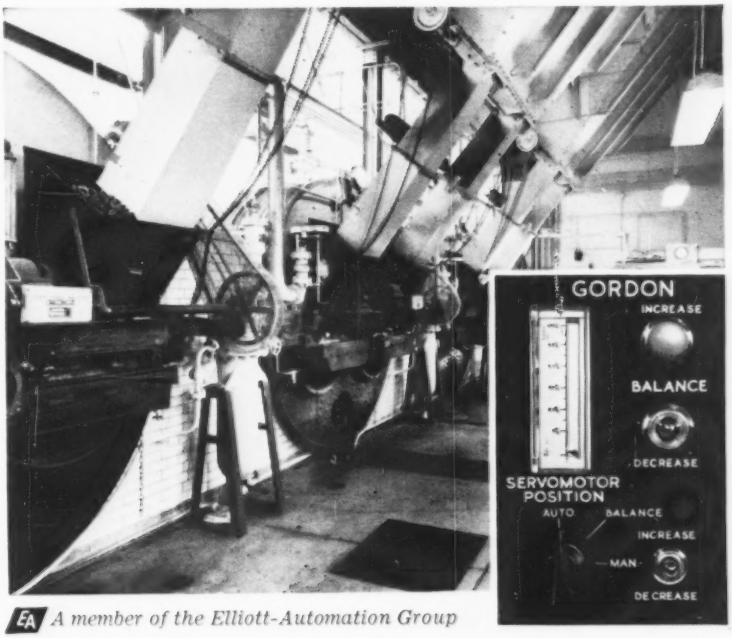

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